

Book No. 13

H.A. ALLARD

FIELD COLLECTION NUMBERS

17000 - 18560

HISPANIA

Nov. 12, 1947 to JAN. 1, 1948



- #17000 to 17005 inc. Piedra Blanca.  
 #17006 to 17018 " Ciudad Trujillo.  
 #17019 to 17054 " Valdesia Valley.  
 #17055 to 17056 inc. Ciudad Trujillo.  
 #17057 to 17175 inc. Piedra Blanca.  
 #17176 to 17182 inc. Ciudad Trujillo.  
 #17183 to 17302 inc. <sup>on highway to</sup> Represa Dam.  
 #17307 Ciudad Trujillo.  
 #17304 to 17377 inc. - Valdesia slopes.  
 #17378 to 17770 " <sup>region</sup> Contama-Valle Nuevo.  
 #17771 to 17884 " Piedra Blanca region.  
 #17885 to 17944 - big limestone caves  
 west of Ciudad Trujillo.  
 #17945 to 18036 Piedra Blanca region.  
 #18037 to 18077, Big caves west of  
 Ciudad Trujillo.  
 #18078 to 18177 and 18179 = Region  
 of Piedra Blanca.  
 #18178 = Ciudad Trujillo.  
 #18179 to 18180 <sup>inc.</sup> Piedra Blanca.  
 #18181 to 18184 inc. Ciudad Trujillo.  
 #18185 to 18560 inc. Zona Campesana  
 and ravine of Rio de los Platanos.

Represa represented on some  
 maps as Madrigal - on  
 Duarte Highway. Road turns  
 left into valley to dam known  
 as Represa Dam - and is on  
 the Maura River which rises in  
 the Cerro del Cristo Dto, 1300  
 meters in alt.

Allard, H. A.

Dominican Republic

1947-1948.

Book 13.

Field Notes nos. 17000 - 18560.

50174

Manufactured by  
 U. S. Government Printing Office



dish

clitter

↓  
ditto

ditto ✓

the

to



Mosses, hepatic collected on  
trees etc. near arroyo near  
rubber grove (Goodrich)  
17000 Nov. 12, 1947. H.A. Allard

17001 Lichens on trees etc  
near # 17000

17002 Mosses, hepatic  
near # 17000

17003 Mosses hepatic  
near # 17000

17004 Mosses, hepatic  
near # 17000

17005 Lichens on trees  
near # 17000

17006 orange red morning glory  
west of Ciudad Trujillo  
Nov. 14, 1947  
H.A. Allard

Legume shrub or small tree  
In thickets on outcropping  
coral rock near # 17006  
Nov. 14

fl. white

17008 Sponsoea fl. white, reddish  
in throat, showy.  
Near # 17006 ditto

17009 Composite, very small,  
yellow flowers along  
runways of airport near  
end. Nov. 14, 1947. H.A. Allard ditto

17010 Lichens on jarilla tree  
west of Ciudad Trujillo ditto  
Nov. 14, 1947. H.A. Allard

17011 Sponsoea small white fl.  
in tree near # 17010 Nov. 15  
H.A. Allard

17012 Lichens of Cashew tree  
near # 17010 ditto

17013 Lichens on the  
# 17010  
(Same tree) ditto



Hepatic on Cashew Tree  
west of Ciudad Trujillo

17014

Nov. 15, 1947

H.A. Allard

17014

17015

Lichens with

# 17014

Same tree

ditto

17016 White mottled leaves of  
plant much used for low and  
high hedges, Ciudad Trujillo  
Nov. 15, 47. H.A. Allard

17017 Shrub or small tree much  
used in Ciudad Trujillo for clipped  
hedges, low and high. I have never seen  
fl. Leaves green mottled white and edged white.  
Nov. 15, 47. H.A. Allard

17018 Legume - tree - fl. white  
pod 3 angled 10-12 inches long;  
seeds round, 3 winged.  
Ciudad Trujillo Nov. 18, H.A. Allard

17019 Blue flowered Catalpa - 2-3 ft

Tall. Near Valdesia - near Nizao

River at alt. Nov. 19, 1947

H.A. Allard

17020 On tree near # 17019

Tillandsia

ditto

Moss - on vertical  
bank of rock and earth  
along Nizao River near  
Valdesia. Nov. 19, 1947

17021

H.A. Allard

17022

Dark, slate-colored  
lichens on tree near # 17021

17023

Grass. Along Nizao  
River on flood plain - near  
# 17021

17024

Grass near # 17021  
Along flood plain of  
Nizao River

17025

Grass. Near # 17021  
along flood plain of  
Nizao River

17026

Sedge

with # 17023

17027

Composite - rose fl.,  
along flood plain with # 17023



Cyperus - bracts white at base,  
along bank and flood plain  
of Muzao River near Valdesia  
17028 Nov 19, 1947  
H. G. Allard

17029 Similar to # 17028  
bracts micolorous green ditto  
Near # 17028

17030 Cyperus  
In water of river ditto  
near # 17028

17031 Cyperus  
In wet soil near # 17028 ditto

17032 Cyperus Near # 17028  
In water and mud ditto

17033 Oxalis. On rocks  
frequently overflowed ditto  
near # 17028

17034 H. rose, small  
on thin soil on rocks ditto  
with # 17028

Thin matted plants in  
thin soil on flooded rocks -  
17035 near # 17028 Nov 19  
H. G. Allard

17036 Plants attached in mud,  
submerged near # 17028 ditto

17037 Tall - 6-7 ft - shrubby;  
fl. small yellow, ditto  
along flood plain near  
# 17028

17038 Herb - small whitish fl.  
in heads - with # 17037 ditto

17039 woody shrub - low, growing  
from vertical moist ditto  
cliff near river # 17037

17040 Chara - In water of  
Muzao River near # 17037 ditto  
attached to mud etc; submerged

17041 attached to mud, submerged  
along river banks near ditto  
# 17037



17042 Tiny, matted plant on  
soil in rock crevices occasionally  
flooded by high water  
along Nizao River near  
Valdesia, Nov. 19, 1947  
H. G. Allard

17043 fl. yellow, herb  
near # 17042, in red soil, ditto

17044 Shrub - low; fl. small,  
white in heads; leaves  
thorbed, fasciated,  
Near # 17042 ditto

17045 Grass,  
In red soil near # 17042 ditto

17046 Shrubby - 2-3 ft; fl. large,  
yellow, showy. Near  
# 17042 ditto

17047 Polygonum; racemes  
slender, long, fl. white  
In red soil near # 17042 ditto

17048 fl. white.  
Mikania.  
Near # 17042  
Common; full bloom ditto

Herb 3-4 ft. Along  
flood plain of Nizao River  
17049 near Valdesia  
Nov. 19, 1947. H. G. Allard  
fl. small, white

17050 Cyperus  
In mud, water near  
# 17049 ditto  
Resembles *Scripus validus* of State

17051 Legume - trailing, fl.  
small purplish. On dry  
bank in mts. above Valdesia  
valley as we began to descend into it  
Nov. 19

17052 Molasses grass  
*Melinis minutiflora*  
near # 17051 ditto

17053 Mosses on vertical mud and  
sandstone bank near # 17049 ditto

17054 Moss - near # 17053 ditto

17055 Large-podded tree  
huds flat - Ciudad Trujillo,  
Nov. 20, 1947  
Legume. H. G. Allard



Legume, prostrate - in lawn  
Ciudad Trujillo, fl. tiny white,  
tiny red spot in center of standard,  
17056 Nov, 20, 1947  
H.A. Allard

✓ 17057 Cuscuta on shrubs at  
bridge Piedra Blanca,  
Nov, 21, 1947 H.A. Allard.

17058 Andropogon -  
on trail to Goodrich rubber  
grove Nov, 21, 1947  
H.A. Allard

17059 Water weed. In brook  
near # 17058.  
temp of water 71°

✓ ditto

✓ 17060 Mikania - fl. white,  
fragrant.  
Near # 17058

ditto

✓ 17061 Pueraria phaseoloides  
escaped - along trail  
near # 17058  
fl. blue

ditto

✓ 17062 Legume - climbing -  
fl. scarlet, near # 17058  
Large, showy fl.

ditto

Orchid - purplish, small  
fl. In heavy woods in  
ravine near # 17058  
17063 Nov 21, 1947. H.A. Allard,

✓ 17064 Low vine - berries red -  
often in 2's - In  
woods in ravine near  
# 17063

ditto

✓ 17065 Orchid on tree -  
fl. greenish yellow  
Near # 17063

ditto

17066 Andropogon - near  
Piedra Blanca on  
bank Nov, 21,

ditto

17067 Moss - on logs  
near # 17063 ✓

ditto

17068 Moss  
on log near # 17063 ✓

ditto

17069 Moss.  
near # 17063 ✓

ditto

17069a On logs  
ditto ✓



Mosses on logs,  
stumps etc in ravines  
17070 on trail to Goodrich  
rubber grove, Piedra  
Blanca Nov. 21, H.A. Allard

17071 Mosses on logs  
near # 17070 ✓ ditto

17072 Mosses  
on logs etc. near  
# 17070 ✓ ditto

17073 Mosses near  
# 17070 ✓ ditto

17074 Mosses on logs  
etc near # 17070 ✓ ditto

17075 Mosses on logs  
etc. near  
17070 ✓ ditto

17076 Mosses on  
logs etc near  
# 17070 ✓ ditto

Mosses on logs etc Nov. 21  
near # 17070 H.A. Allard

17077  
✓ ditto

17078 Mosses on logs etc  
near # 17070 L ditto

17079 Mosses on logs  
etc near # 17070 ✓ ditto

17080 Mosses on logs  
etc near # 17070 ✓ ditto

17081 Mosses near  
# 17070 ✓ ditto

17082 Mosses near  
# 17070 L ditto

17083 Mosses near  
# 17070 L ditto



Mosses in logs etc  
in ravine on trail  
to Goodrich rubber  
grove, Piedra Blanca  
17084 Nov. 21, 1947  
H.A. Allard ✓

17085 Mosses,  
near # 17084 ✓ ditto

17086 Mosses near  
# 17084 ✓ ditto

17087 Mosses  
near # 17084 ✓ ditto

17088 Mosses etc  
near # 17084 ✓ ditto

17089 Mosses etc  
near # 17084 ✓ ditto

17090 Mosses etc  
near # 17084 ✓ ditto

Mosses etc  
near # 17084 Nov. 21  
H.A.A.

17091 Mosses etc  
near # 17084 ✓ ditto

17092 Mosses etc  
near # 17084 ✓ ditto

17093 Mosses etc near  
# 17084 ✓ ditto

17094 Mosses near  
# 17084 ✓ ditto

17095 Mosses near  
# 17084 ✓ ditto

17096 Mosses near  
# 17084 ditto

17097 Mosses near  
# 17084 ✓ ditto



Mosses, hepatics  
etc. in raiment on  
17098 trail to Goodrich ✓  
rubber grove, Biecha  
Blanca Nov. 21, 1947  
H. A. Allard

17099 ↓ ditto ✓

17100 ↓ ditto

17101 ↓ ditto ✓

17102 ↓ ditto ✓

17103 ↓ ditto ✓

17104 ↓ ditto ✓

Mosses etc near  
H. 17098 Nov. 21

17105 ↓ ✓

17106 ↓ ditto ✓

17107 ↓ ditto ✓

17108 ↓ ditto ✓

17109 ↓ ditto ✓

17110 ↓ ditto ✓

17111 ↓ ditto ✓



Moss, hepatic  
on logs etc. in ravine  
on trail to Woodrich ✓  
subfor groves, Piedra Blanca  
Nov, 21, 1947

17112

ditto

✓

17113

ditto

✓

17114

ditto

✓

17115

ditto

✓

17116

ditto

✓

17117

ditto

✓

17118

ditto

with 17112 Nov, 21,  
Sta. 9 ✓

17119

17120

ditto

✓

17121

ditto

✓

17122

ditto

✓

17123

ditto

✓

17124

ditto

✓

17125

ditto

✓



Mosses, hepatic on trail  
to Goodrich rubber guse.  
17126 Piedra Blanca, in mouth  
ravines. Nov. 21/1947  
H.A. Allard ✓

17127 ditto ✓

17128 ditto ✓

17129 ditto ✓

17130 ditto ✓

17131 ditto ✓

17132 ditto ✓

14 ones the collected  
with # 171 26 Nov. 21/  
H.A. Allard  
✓

17133 ditto ✓

17134 ditto ✓

17135 ditto ✓

17136 ditto ✓

17137 ditto ✓

17138 ditto ✓

17139 ditto ✓



17140

Moses, hepatic coll. in  
ravine along trail to  
Goodrich rubber grove,

Piedra Blanca, Nov. 21, 1947

H.A. Allard

17141

ditto

17142

ditto

17143

ditto

17144

ditto

17145

ditto

17146

ditto

17147

Moses et  
coll. with # 17140  
Nov. 21

17148

ditto

17149

ditto

17150

ditto

17151

ditto

17152

ditto

17153

ditto



17154 Mosses on stumps, logs,  
barbs etc in ravines on  
trail to Goodrich after  
fire near Piedra Blanca  
Nov, 21, 1947 H.A. Allard

17155

ditto ✓

17156

ditto ✓

17157

ditto ✓

17158

ditto ✓

17159

ditto ✓

17160

ditto ✓

Mosses, leaf litter  
near # 17154

17161

Nov, 21, 1947 ✓

H.A. Allard

17162

ditto ✓

17163

ditto ✓

17164

ditto ✓

17165

ditto ✓

17166

ditto ✓

17167

Lichens

✓



Lichens on bark etc  
in ravines along trail to  
17168 Goodrich rubber grove  
near Piedra Blanca. ✓  
Nov. 21, 1947  
H.A. Allard

17169

ditto ✓

17170

ditto ✓

17171

ditto ✓

17172

Moss  
Near # 17168 ✓

17173

Lichen on stick  
Near # 17168 ✓

17174

Lichens on leaves  
Nov. 21.  
Near # 17168 ✓

17175

Moss on branch  
Near # 17168 Nov. 21, 1947  
H.A. Allard

17176

Peculiar small lichen on  
upper surface of Cashew leaf ✓  
Ciudad Trujillo  
H.A. Allard Nov. 24, 1947

17177

Leaf spots on  
Cashew  
for path. ditto

17178

Black hydnum on  
Cashew tree ditto

17179

Ipomoea. fl. blue,  
small. Nov. 24 ditto

17180

Ipomoea. fl. white,  
small ditto

17181

Mosses on Mango  
tree <sup>west of</sup> Ciudad  
Trujillo  
Nov. 25, H.A. Allard ✓



17182

Mosses on mango tree  
west of Ciudad Trujillo  
Nov 25, 1947  
H.A. Allard

17183

Leaves erect -  
fl. dark red  
Nov 26, 1947  
Along stream near Represa,  
= Maná River.

17184

Cuscuta - on herbs  
etc. near Represa dam  
ditto

17185

In river near # 17183 ditto  
Odor fishy, unpleasant. ✓

17186

Water plant and in  
mud near # 17185 ditto

17187

Shrub -  
On bank near # 17183 ditto

17188

Paper  
Tall shrub  
Near # 17183 ditto

17189

Compositae -  
fl. white  
On bank near  
# 17187 Nov 26, 1947  
H.A. Allard

17190

On vertical clump  
bank near # 17187 ditto

17191

Panicum  
On bank with # 17187 ditto

17192

Amorphaceae Shrub  
fl. dark red ditto  
Near # 17187 in river  
flood plain.

17193

Cyperus  
In damp soil on bank  
near # 17187 ditto

17194

Cyperus  
On bank near # 17187 ditto

17195

Crotalaria -  
fl. yellow, On bank ditto  
near # 17187



On moist shaded steep  
bank by Miana river  
17196 near Rapresa dam,  
November 26, 1947  
H. A. Allard ✓

17197 Mossy, light green  
On bank near # 17196 ditto

17197a algae ✓

17198 Lichens on upper surface  
of large leaves, very thin, ✓ ditto  
Near # 17196 leathery

17199 Orchids on tree  
near # 17196 ditto  
fl. greenish

17200 Sedge on moist  
bank near # 17196 ditto

17201 Bromeliad  
on tree near # 17196 ditto

17202 Bromeliad  
on tree near # 17196 ditto

Moss on bank  
near <sup>Miana</sup> river at Rapresa  
17203 dam, Nov. 26, 1947  
H. A. Allard ✓

17204 Moss on bank  
with # 17203 ✓ ditto

17205 Moss near  
# 17203 ✓ ditto

17206 Moss near  
# 17203 ditto

17207 Mosses, hepatic  
near # 17203 ✓

17208 Hepatic mosses  
near # 17203 ✓

17209 Hepatic mosses  
near # 17203



Mosses on banks  
along stream near Repressa  
dam, Nov, 26, 1947  
17210 H.A. Allard ✓

17211 Mosses hepatic  
near # 17210 ✓ ditto

17212 Mosses hepatic  
near # 17210 ✓ ditto

17213 ditto ✓ ditto

17214 ditto ✓ ditto

17215 ditto ✓ ditto

17216 ditto ✓ ditto

Hepatic etc  
near # 17210  
17217 H.A. Allard ✓

17218 Hepatic, mosses  
near # 17210 ✓ ditto

17219 ditto ✓ ditto

17220 ditto ✓ ditto

17221 ditto ✓ ditto

17222 ditto ditto

17223 ✓ ditto ditto



17224 Mosses, hepatic  
on banks (mount) near  
Repressa Dam at foot  
of Cordillera Central.  
Nov. 26, 1917 ✓  
H. A. Allard.

17225

↓ ditto ✓

17226

↓ ditto ✓

17227

↓ ditto

17228

✓ Sedge - on  
soil on rocks in stream  
near # 17224

17229

✓ Matted Plant in mud near  
# 17228 Nov. 26

17230

Moss on tree  
near # 17224 ✓  
Nov. 26.

17231

✓ Moss on bank  
near # 17224  
Nov. 26, 1917  
H. A. Allard, L

17232

↓ ditto ✓

17233

↓ ditto ✓

17234

↓ ditto ✓

17235

↓ ditto L

17236

↓ ditto ✓

17237

↓ ditto ✓



17238

Mass - on mount, wooded  
bank on road to Repressa dam.

Nov, 26, 1947

H.A. Allard

✓

17239

ditto

17240

ditto

✓

17241

ditto

✓

17242

ditto

✓

17243

ditto

✓

17244

ditto

✓

Mosses, hepatics  
near # 17238

17245

Nov, 26, 1947

H.A. Allard

✓

17246

ditto

✓

17247

ditto

✓

17248

ditto

✓

17249

ditto

✓

17250

ditto

✓

17251

ditto

✓



Mosses, hepaticae  
along highway near Represa  
dam, on steep mountain,  
wooded banks.  
Nov. 26, 1947 ✓  
(H.A. Allard)

17252

17253

17254

17255

17256

17257

17258

ditto

ditto

ditto

ditto

ditto

ditto

✓

✓

✓

✓

✓

✓

Mosses, hepaticae  
near # 17252

17259

17260

17261

17262

17263

17264

17265

Nov. 26, 1947  
H.A. Allard ✓

ditto

ditto

ditto

ditto

ditto

ditto

✓

✓

✓

✓

✓

✓



17266

Mosses, hepatics on banks  
along Mana river near  
Represa dam, Nov. 26, 1947  
H. A. Allard, ✓

17267

ditto  
On basal sheaths of  
Arundo donax ✓

17267a  
17268

ditto

17269

ditto ✓

17270

ditto ✓

17271

ditto ✓

17272

ditto ✓

17272a

ditto ✓

17273

Neen-H 17266-  
Nov. 26, 1947  
along Mana River ✓

17274

ditto ✓

17275

ditto

17276

ditto ✓

17277

ditto ✓

17278

ditto ✓

17279

ditto ✓



On banks along Mana River  
near Repressa dam

17280

Nov. 26, 1947  
H.A. Allard

✓

17281

ditto

✓

17282

ditto

✓

17283

ditto

✓

17284 \*

Lichens.

ditto

✓

17285

Mosses, hepatic.

ditto

✓

17286

Mosses,  
hepatic

ditto

✓

Mosses, hepatic  
near # 17280

17287

Nov. 26, 1947  
H.A. Allard

✓

17288

ditto

✓

17288a

ditto

✓

17289

ditto

✓

17289a

ditto

✓

17290

ditto

✓

17291

ditto

✓

17291a

ditto

✓

17292

ditto

✓

17293

ditto

✓



17294

Mosses, hepatic  
along Mana River - on banks,  
near Represa and  
Represa dam,

17294a

Lichen ✓

Nov. 26, 1947  
H.A. Allard ✓

17295

Cladonia

ditto ✓

17296

Cladonia

ditto ✓

17297

Cladonia

ditto ✓

17298

Mosses,  
hepatic

ditto ✓

17299

Moss, hepatic

ditto ✓

17300

Moss, hepatic

ditto ✓

Cladonia

Near # 17294

17301

Nov. 26, 1947

H.A. Allard. ✓

17302

Moss, hepatic  
on bark ditto ✓

17303

sage

Gichens on  
tree near Independencia  
Cave, Ciudad Trujillo, H.A. A  
Nov. 26, 1947 ✓

17304

On cliffs on Nigua river  
valley near bridge  
Nov. 30, 1947 H.A. Allard ✓

Legume, leaves with prickles at apex  
small tree

17305

Shrub on cliffs  
near # 17304 ditto ✓

17306

Cyperaceae  
In wet spot at foot of  
cliffs near # 17304 ✓

17307

On cliffs near  
# 17304. ditto ✓



algae, in net spread at  
foot of cliffs south of  
17308 bridge over Rio Negro, near  
Valdesia, Nov. 30, 1947  
H.A. Allard ✓

17309 Along cliffs near  
# 17308 ditto  
Leaves very dark green.  
Piper

17310 On cliffs near  
# 17308 ditto

17311 Grass on cliffs  
near # 17308 ditto

17312 Composite; rays  
yellow; on cliffs ditto  
near # 17308

17313 Piper; leaves very deep  
green; <sup>strongly</sup> aromatic-scented and  
flavored; on cliffs  
near # 17308 shrub,

17314 Large leaved, deeply lobed;  
vine with leafy spathe  
Along Rio Negro River in woods  
climbing on trees Nov. 30. H.A.A.

Mass - ~~Panicum~~  
Lance broad 3-4 ft  
17315 Near # 17314  
Nov. 30, 1947  
~~Olyra~~ *Stenotaphrum*  
H.A. Allard

17316 Mosses, hepaticae on wood,  
logs, trunks on cliffs near  
# 17308 ✓

17317 ditto ✓

17318 ditto ✓

17319 ditto ✓

17320 ditto ✓

17321 ditto ✓



Mosses, hepaticae on logs,  
trunks of trees etc. along  
Volc Nizao river at station  
17322 cliffs near Valdesia. ✓  
Nov. 30, 1947  
H. G. Allard

Near # 17322  
Same data  
Nov. 30. ✓

17323

↓  
ditto ✓

17324

↓  
ditto ✓

17325

↓  
ditto ✓

17326

↓  
ditto ✓

17327

↓  
ditto ✓

17328

↓  
ditto ✓

17329

↓  
ditto ✓

17330

17331

↓  
ditto ✓

17332

↓  
ditto ✓

17333

↓  
ditto ✓

17334

↓  
ditto ✓

17335

↓  
ditto ✓



*Monarda hepatica*  
collected near Valdeseia - along  
Wingao River and on high cliffs  
near Valdeseia  
Nov. 30, 1947 ✓  
H.A. Allard

17337

ditto

✓

17338

ditto

✓

17339

ditto

✓

17340

ditto

✓

17341

ditto

✓

17342

ditto growing  
on stones. ✓

*Monarda hepatica* Near # 17336  
Same data  
17343

✓

17344

ditto

✓

17345

ditto

✓

17346

ditto

✓

17347

ditto

✓

17348

ditto

✓

17349

ditto

✓

✓



Lichens on bark, trees  
etc., near Valdezia along <sup>high</sup> Niagar  
and on cliffs near <sup>the</sup> falls.

17350

Nov. 30, 1947 white small on  
H.A. Allard, light green <sup>5300 ft.</sup> ✓

17351

ditto

✓

17352

ditto

✓

17353

ditto

✓

17354

ditto

✓

17355

Beautiful  
crimson for  
hatchers  
on trees

ditto

✓

17356

ditto

✓

Lichens growing near # 17350

Nov. 30, 1947

same date

17357

✓

17358

ditto

✓

17359

ditto

✓

17360

ditto

✓

17361

ditto

✓

17362

ditto

✓

17363

ditto

✓



Lichens collected on bark,  
logs etc. along Nizao River

17364

near Valdesia, and on high  
cliffs here,

Nov. 30, 1947

H.A. Allard

✓

17365

ditto

✓

17366

ditto

✓

17367

ditto

✓

17368

ditto

✓

17369

ditto

✓

17370

ditto

✓

Lichens - near # 17364 -

Same data, data etc

17371

Cladonia  
on logs

Nov. 30

✓

✓

17372

Mosses  
hepatic

ditto

✓

same  
data  
locality  
etc.

17373

Flowering plant on  
shore cliffs,  
near  
Valdesia.

ditto

Nov. 30.

✓

✓

17374

Rosette  
plant  
on cliffs above  
No. 1 flower

ditto

Grows  
on vertical  
walls of  
cliffs

✓

17375

Lichens on  
sticks near  
# 17371.

ditto

✓

17376

Bromeliad  
large, bl deep rose  
on tree near  
# 17371

ditto

17377

Cactus on  
vertical cliff - single stem  
2 ft. tall - a single stem  
7 angled, near Valdesia  
Nov. 30.

ditto

✓



along road and on slopes  
at 5000-5200 ft leading  
17378 to Valle Nuevo from  
Constanza Dec 4, 1947

Panicum H. Allard  
In original pine forest

17379 Panicum  
Near # 17378

ditto

17380 Solanum  
Near # 17378  
fl. white

ditto

17381 Solanum  
Very tall, arching branches  
fl. deep purple; shiny  
Near # 17378

ditto

17382 Vine - leaves palmate.  
fl. large, tubular, dark crimson  
Near # 17378

ditto

17383 Pilea -  
Erect - leaves very rugose  
Near # 17378

ditto

17384 Lycopodium  
Running -  
fertile fl. in terminal  
spikes in pines  
near # 17378

ditto

Small Phytolacca  
In pine forest near

17385 # 17378

Same date,  
data  
etc.

17386 Mikania - high climbing  
In thickets near # 17378

ditto

17387 Sisyinchium fl. blue  
Near # 17378  
In pine forest - great  
original trees.

ditto

17388 Rubiaceae  
fl. white - prostrate  
Near # 17378

ditto

17389 Aster - fl. pinkish  
white  
Near # 17378

ditto

17390 Shrub  
fl. reddish; leaves  
very dark green above,  
light beneath; glabrous  
Near # 17378

ditto

17391 Very woody gnaphalium  
In pines near # 17378

ditto



On slopes of mts, along  
highway from Comstanya to  
Valle Nuevo at 5000 to  
5200 ft. Dec. 4, 1947  
✓ *Gnaphalium* H. G. Allard

17393 ✓ Vine - climbing over  
shrubs etc; fl. small, white ditto  
Composite

17394 ✓ Orchid - fl. purplish  
red. On mosses and thin  
soil on ledges near # 17392 ditto  
leaves elliptical.

17395 ✓ Shrub - composite ditto  
5-6 ft tall. Near # 17392  
fl. pinkish

17396 ✓ *Panicum*.  
Low, rosette form. ditto  
Near # 17392

17397 ✓ Rubiaceae  
fl white; prostrate ditto  
to ascending  
Near # 17392

17398 ✓ Low - nearly creeping  
leaves small, deep orange  
in color. Near # 17392 ditto

Composite -  
whitish fl. Same date,  
data  
17399 Near # 17392

17400 ✓ Fern, on ledges ditto  
near # 17392 ✓

17401 ✓ Eupatorium: fl purplish  
woody or shrubby. ditto  
Near # 17392

17402 ✓ *Panicum* ditto  
Near # 17392

17403 ✓ *Hieracium* fl. yellow ditto  
In pine forest near  
# 17392

17404 ✓ *Panicum* ditto  
Low, rosettes,  
Near # 17392

17405 ✓ *Panicum* ditto  
Stiff, narrow leaves  
Near # 17392



✓ Low, creeping plant  
In original pine forest on  
steep slopes near  
17406 highway from Constanza  
to Valle Nuevo  
H.A. Allard Dec. 4, 1947

17407 *Panicum*  
Pubescent - ditto  
2 feet. Near # 17406

17408 *Panicum*  
Near # 17406 ditto  
Low - matted.

17409 Peculiar plant - Near # 17406  
light glaucous green  
in color fl. beneath broad-like ditto  
stems, leaves all in one plane  
On tree 20-30 ft above ground

17410 Very small fern  
on tree 40-50 feet above ground ditto  
Near # 17406

17411 Orchid - 3 On same tree with # 17406 ditto

17412 Fern - long, slender fronds on bank near ditto  
# 17406 ✓

*Eupatorium*  
fl. purplish  
17413 Shrub - 6-8 ft tall  
Near # 17406 Same data ditto

✓ 17414 *Equisetum* -  
4-5 ft. tall, at near ditto  
4000 ft near Constanza ✓  
along stream

17415 *Cyperus* - very tiny  
In mud along stream ditto  
Near # 17414

✓ 17416 *Primula* -  
fl. large, yellow, long. ditto  
5-6 ft. tall, along stream  
Near # 17414

17417 Mistletoe - On pine tree ditto  
Near # 17406  
fruit O, purple

17418 Shrub. Tall - ditto  
fruit oblong, crimson  
Near # 17406 ✓

17419 High climbing woody vine ditto  
Near # 17406



along slopes and highway  
from Constanza to Valle Nuevo  
at 5000-5200 ft.

17420 ✓ Dec. 4, 1947. H.A. Allard  
Chenopodium

aster  
in mixed forest

17421 near # 17420

ditto

17422 ✓ Shrub - near # 17420 ditto  
fl. very showy, drooping  
deep orange red. <sup>very red</sup>  
very beautiful; leaves dark green

17423 Pilgeria - ditto  
erect, rugose, dark  
green, rough hairy leaves  
with # 17420

17424 ✓ Low, creeping oxalis  
fl. yellow - along bank  
in ravine at 5000 ft. ditto

17425 Lycopodium ? ditto  
Trailing, in ravine  
near # 17424

17426 Fern - long slender fronds ✓ ditto  
on bank in ravine  
near # 17424

Trailing herb -  
in ravine on bank  
near # 17424

17427 Dec. 4, 1947  
H.A. Allard.

17428 ✓ Gnaphalium ditto  
in open ground on  
bank - near # 17424

17429 Grass - Andropogon, ditto  
near # 17424

17430 ✓ Eupatorium ditto  
Tall shrub - fl. whitish  
leaves somewhat glutinous  
near # 17424

17431 ✓ Isarardia - ditto  
fl. rose purple,  
in pine at 5000 ft.  
near # 17424

17432 ✓ Parasite nearly black  
all over pine branches.  
At 5000 ft. near 17420 ditto

17433 ✓ Shrub - Composite - ditto  
flowers purplish; leaves  
very narrow, linear.  
near # 17420



*Panicum*  
on steep slopes in original pine  
forest on road from Comtanga  
17434 to Valle Nuevo, at ~~17434~~  
5000 to 5200 ft. alt. Dec. 4

*Adonia* - nearly white  
or pale green - reindeer type  
17435 on banks on ledges  
near # 17434 ditto ✓

17436 *Panicum*  
Near # 17434 ditto

17437 Tiny, low herb  
near # 17434 ditto

17438 *Panicum*  
Low - near # 17434 ditto

17439 *Smilacina*  
In <sup>pine</sup> woods near  
# 17434 ditto ✓

17440 *Cyperus* - low  
In dry, gravelly soil  
near # 17434 ditto

*Pilea* - 1-2 ft tall  
rugose leaves erect, same  
data &  
data,  
Near # 17434

17441 ✓  
17442 Lichens  
On pine trees - ditto ✓  
Near # 17434

17443 Trailing *Pilea*  
Near # 17434 ditto

17444 *Artemisia*  
Near # 17434 ditto

17445 *Panicum*  
Low, Near # 17434 ditto

17446 *Smilacina*  
Near # 17434 ditto

17447 *Hieracium*  
Near # 17434 ditto  
fl. yellow. ✓



*Bidens* fl. yellow (heads)  
Near Comatanga on  
17448 road from Comatanga to  
Valle Nuevo at 4000 ft  
Dec, 4, 1947  
H.A. Allard

17449 *Eupatorium* - fl. white,  
small, Near # 17448 ditto

17450 Prostrate *Pilea* -  
Near # 17448 ditto

17451 Tall herbaceous  
mint; fl. blue, showy  
4-5 ft. Near # 17448 ditto

17452 *Eupatorium* - Tall  
fl. whitish  
Near # 17448 ditto

17453 *Stellaria*  
On banks near  
# 17448 ditto

17454 *Soc. - Polygonaceae*  
Roadside near  
# 17448 ditto

*Griseb* - roadside near  
17455 wild - roadside near  
# 17448; common  
Dec 4, 47  
H.A. Allard

17456 *Eupatorium*  
Shrubby; fl. purplish  
Near # 17448 ditto

17457 Prostrate legume  
*Desmodium*  
Near # 17448 ditto

17458 *Ginnia*  
Escaped everywhere  
near Comatanga  
In roadside ditch, etc.  
one crimson, one purplish  
at 3800 ft. on Valle Nuevo road ditto

17459 *Lepidium*  
Near # 17458  
(on roadside) ditto

17460 Prostrate plant  
In cult. land near  
# 17458 ditto

17461 *Andropogon*  
Dec. 3  
At 4500 ft to 5000 -  
on road to Valle Nuevo ditto  
Dec. 3  
H.A. Allard



Orchid - flowers deep rose  
On dry, grassy knob near Constanta  
17462 at 3600-3700 ft., Dec. 5, 1947  
H.A. Allard.

17463 at 5200 feet on road  
to Valle Nuevo - in  
pine forest,  
Dec. 4, 1947  
H.A. Allard.

17464 Cyperaceae  
ditto  
Near # 17463. cln wet soil.

17465 Climbing - fl. small  
white, juice very milky.  
at 5000 ft. near  
# 17463. ditto

17466 Shrub.  
Near # 17463 ditto

17467 Shrub  
fruit in umbels  
Near # 17463 ditto

17468 Shrub  
fl. purple  
Near # 17463 ditto

at 5200 ft.  
On road to Valle Nuevo from  
Constanta, in pine forest,  
17469 original here, Dec. 4, 1947  
H.A. Allard  
fl. yellow; shrubby. ✓

17470 Climber; fl. very small  
whitish. ditto  
Near # 17469

17470A Small plant - Rubiaceae ditto  
17471 Shrub.  
fl. whitish  
Near # 17469 ditto

17472 Cleome  
In Constanta on roadside  
at 3400 ft., Dec. 4 ditto

17473 Pilea - fructs in  
damp soil at 5200 ft.  
near # 17469 ditto

17474 In pine forest  
near # 17469 ditto  
Erigeron?

17475 Rubiaceae  
with # 17469  
fl. white ditto



Aster. fl. - rays pinkish  
On road to Valle Nuevo from  
Constanza - in original pine forest

17476 ✓ at 5200 ft, Dec. 4, 1947

17476a *Setaria ciliata* Michx. H.A. Allard

Setaria

17477 with # 17476

ditto

17478 *Pilea* - creeping  
✓ Near # 17476

ditto

17479 *Panicum*  
Near # 17476

ditto

17480 Sedge  
✓ Near # 17476

ditto

17481 *Aster*  
✓ Rays pinkish white  
Near # 17476

ditto

17482 ✓ *Pilea* - prostrate  
Near # 17476

ditto

promised  
on pine tree  
near # 17476  
Dec. 4  
H.A.A.

17483

17484

*Lactuca*  
✓ Rays yellow  
Near # 17476

ditto

17485 *Panicum* - tall  
Near # 17476

ditto

17486 *Leuca (pinnate)*  
✓ with galls  
Near # 17476

ditto

17487 *Lycopodium*  
Near # 17476 ✓

ditto

17488 *Aster*  
✓ rays white to pinkish  
Near # 17476

ditto

17489 ✓ *Eupatorium*  
fl. purple.  
Near # 17476

ditto



Panicum  
at 5200 ft on road to  
Valle Nuevo from Comfanza  
17490 in original pine forest  
Dec. 4, 1947  
H.A. Allard.

17491 Cyperaceae  
Low, sandy soil  
Near # 17490 ditto

17492 Hieracium, fl yellow  
In pine woods near  
# 17490 ditto

17493 Cyperaceae  
Near # 17490 ditto

17494 Syntherisma  
Near # 17490.  
fl. blue ditto

17495 Compositae  
Heads whitish -  
Near # 17490 ditto

17496  Gnaphalium  
Near # 17490 ditto

Orchid  
fl. purplish red  
on thin soil on rocks  
near # 17490 Dec. 4  
H.A.

17498 fern - on  
logs etc. near # 17490 ditto

17499 Very leafy stems  
glaucescens - clearly  
arranged in same place  
fl beneath on stem. On  
tree trunk etc. near # 17490 ditto

17500 Aster - rays light blue  
Near # 17490 ditto

17501 Rubiaceae  
fl. whitish  
(ascending)  
Near # 17490 ditto

17502 Panicum  
Near # 17490 ditto

17503 Compositae  
rays whitish  
Erigeron ? ditto



Erigeron. rays whitish  
In original pine forest  
17504 on road from Comstanga  
to Valle Nuevo, Dec. 4,  
H.A. Allard,

17505 Rays yellow,  
Low rosette plant -  
Near # 17504 ditto  
Leaves white woolly beneath,

17506 Piper -  
Low ascending.  
Near # 17504 ditto

17507 Aster.  
Rays white  
Near # 17504 ditto

17508 orchid  
In clump on ledge  
Near # 17504 ditto  
fl. yellow or cream,

17509 Gamagrass  
fl. red  
Leaves, stems glutinous  
Tall shrub, hairy ditto  
Near # 17504

17510 Panicum  
Near # 17504 ditto  
Low rosettes

Rosette plant  
heads reddish, white  
17511 Leaves narrow, white  
beneath, slender flower stem  
Dec. 4  
Near # 17504

17512 Panicum  
Near # 17504 ditto  
15-20 in tall - hairy.

17513 Panicum  
Low rosettes ✓ ditto  
Near # 17504

17514 Fern  
Polygodium Near # 17504 ditto  
On tree trunk -  
silvery scales above, fringed and  
tapering to point scale ✓

17515 Shrub  
Small white flowers,  
Near 17504 ditto

17516 Panicum  
# 17504 ditto  
Tall - reclining

17517 Low shrub -  
shony red flowers  
Leaves, small, thick.  
On ledges etc near # 17504 ditto



Shrub - fl. red <sup>white</sup> leaves glabrous.  
Very attractive. In original  
17518 pine forest near Valle Nuevo  
at 5200 ft., Dec. 4, 1947  
H.A. Allard

17519 Shrubby  
fl. white  
Leaves thick, scabrous ditto  
Near # 17518

17520 Setaria  
Near # 17518 ditto

17521 Grass  
Agrostis 3  
Near # 17518 ditto

17522 Ascyrum  
fl. yellow  
Near # 17518 ditto

17523 Plantago major 2, ditto  
On road side  
near # 17518  
at 5200 ft.

17524 Pilea  
Leaves dark green  
Erect or ascending. ditto  
Near # 17524

Pilea  
Creeping on bank, Dec. 4  
near # 17518 H.A.

17525

17526 Leafy stem on Rubiacene  
plant Siodia 3,  
some for Pathology ditto  
Near # 17518

17527 Small fern  
On tree at foot mts.  
near Jarabacoa ditto  
at foot. Dec. 4

17528 Small fern - on tree trunk ditto  
Near # 17527.

17529 Mosses & hepatics  
on trees, etc. - ground etc.  
Near # 17518  
at 5000 to 5200 ft. Dec. 4.

17530 Fern. In moss  
on ground. ditto  
Near # 17529.

17531 Lycopodium  
ascending ditto  
Near # 17529



17532 Moss on tree trunks in  
deep, shaded ravine  
at 5000-5200 ft on  
road to Valle Vnoro, Dec. 4  
1947. H.A. Allard, ✓

17533 On trees near  
# 17532 ✓

17534 Moss on trees  
near # 17532 ✓ ditto

17535 Moss etc  
Near # 17532 ✓ ditto

17536 Moss on soil etc  
near # 17532 ✓ ditto

17537 Moss on trees  
etc. near # 17532 ✓ ditto

17538 Mosses, hepatics  
on wood, near # 17532 ✓ ditto  
✓

Moss on soil Dec. 4  
Near # 17532 H.A.A.

17539 ✓

17540 Mosses on  
soil etc, near # 17532, ✓ ditto

17541 Moss - at base of  
tree near # 17532 ditto

17542 Mosses on  
wood etc near 17532 ditto  
near # 17532

17543 Mosses in soil ✓  
etc ditto near # 17532 ditto

17544 ditto ✓  
Near 17532 ditto

17545 Mosses on wood ✓  
etc Near # 17532 ditto



Mosses, hepaticae  
collected on steep slopes of original  
17546 mixed forest near Valle Nuevo  
at 5000-5200 ft. Dec. 4, H.A.A. ✓

17547 Mosses etc.  
near # 17546 ditto  
on soil etc. ✓

17548 ditto ✓

17549 ditto ✓

17550 Mosses ditto ✓

17551 Near Constanta  
on road to Valle Nuevo ✓  
Dec. 4, on rocks in brook  
17551a algae at 3600 ft. Dec. 4

17552 Mosses, hepaticae  
near # 17546 Dec. 4. ✓

17553 Mosses etc. on  
banks, ground etc.  
near # 17546  
Dec. 4  
H.A.A. ✓

17554 at 5000-5200 ft.  
Mosses on soil  
etc. near # 17546 ✓ ditto

17555 Mosses on soil  
etc. Dec. 4 ✓ ditto  
near # 17546

17556 Mosses on soil  
ditto ditto  
near # 17546

17557 Mosses etc. on  
soil, banks etc. ✓ ditto  
near # 17546

17558 Mosses etc.  
near # 17546 ditto ✓

17559 Mosses etc.  
ditto ✓



17560

Mosses etc  
on trees, soil etc  
on slopes in original pine  
forest near Valle Muerto  
at 5000-5200 ft. Ser. 4  
Ha. Allen

17561

ditto

✓

17562

ditto

✓

17563

ditto

✓

17564

ditto

✓

17565

ditto

✓

17566

ditto

✓

Mosses etc - hepatic  
on soil - logs etc  
with # 17560 on

17567

near by, Ser. 4  
at 5000-5200 ft.

✓

17568

ditto

✓

17569

ditto

✓

17570

ditto

✓

17571

ditto

✓

17572

ditto

✓

17573

ditto

✓



Mosses, hepatics collected  
at 5000 - 5200 ft. near  
Valle Nuevo. See, 4 in ✓

17574 original pine forest,  
H. A. Allard ✓

17575 ditto ✓

17576 ditto ✓

17577 ditto ✓

17578 ditto ✓

17579 ditto ✓

17580 ditto ✓

Mosses, hepatics  
(on earth, wood (dead) ✓  
trees etc., at 5000 - See, 4

17581 5200 ft. near Valle. H. A. Allard  
Nuevo in original pine  
forest, on ravines and on steep slopes

17582 ditto ✓

17583 ditto ✓

17584 ditto ✓

17585 ditto ✓

17586 ditto ✓

17587 ditto ✓



Mosses, hepatics collected  
on slopes, in ravines near  
Valle Nuevo at 5000-5200 F  
17588 Dec. 4, 1947, H. A. Allard  
on logs, bark, ground etc. ✓

17589

ditto ✓

17590

ditto ✓

17591

ditto ✓

17592

ditto ✓

17593

ditto ✓

17594

ditto ✓

Mosses, hepatics etc  
on logs, ground, trees etc  
17595 near # 17588 Dec. 4. ✓

17596

Thin ferns high in  
branches of tall forest  
tree, broad leaved  
Near # 17595 ditto

17597

Mosses,  
Near # 17588  
Dec. 4. ✓

17598

ditto ✓

17599

ditto ✓

17600

ditto ✓

17601

ditto ✓



Mosses, hepatics collected  
near Valle Nuevo at 5000-5200 ft.  
in ravine and on slopes  
17602 near highway to Valle Nuevo ✓  
Dec. 4, 1947. H.A. Allard

↓ ditto

17603 ✓

17604 ↓ ditto

17604a lichen ✓

17605 ↓ ditto ✓

17606 ↓ ditto ✓

17606a ✓

17607 ↓ ditto ✓

17607a lichen ✓

17608 ↓ ditto ✓

Mosses, hepatics  
near # 17602  
at 5000-5200 ft. ✓  
near Valle Nuevo.  
Dec. 4  
H.A. Allard

17610 ↓ ditto ✓

17611 ↓ ditto ✓

17611a ✓

17612 ↓ ditto ✓

17613 ↓ Mosses  
near # 17602  
Dec. 4

17614 Lycopodium  
Near # 17602 ✓  
Dec. 4

17615 Lycopodium  
Near # 17602 ✓



17616

Mosses, hepatic  
in original pine forest  
near Valle Vnosp. at H. A. Allard  
5000 - 5200 feet  
on mountain sides, in ravine  
Dec. 4, near highway. ✓

17617

ditto ✓

17618

ditto ✓

17619

ditto ✓

17620

ditto ✓

17621

ditto ✓

17622

ditto ✓

Mosses

Near # 17616

17623

Dec. 4 ✓  
at 5000 - 5200 ft.  
H. A. Allard.

17624

Bromeliads fl. pinkish  
near Jarabayo <sup>red</sup>  
on tree (jarilla)  
Dec. 5, 1947 H. A. Allard

17625

Bromeliads  
on same tree with # 17624 Dec. 5 ditto

17626

Bromeliads  
with # 17624 ditto  
on same tree Dec. 5

17627

Fern - on tree trunk  
near # 17616 - Dec. 4. ✓

17628

Small leaved plant  
not in flower, on tree trunk  
near # 17616 <sup>leaf not size</sup>  
Dec. 4 ✓

17629

Piper - on tree trunk  
near # 17616 Dec. 4  
Leaves whorled in 4's ✓



Small fern on tree trunks  
near Valle Nuevo 5000-5200 ft.  
near Highway from Constanta to Valle Nuevo  
Dec. 4, 1947, F.A. Allard. In pine  
forest of original growth, ✓

17630  
Piper, on bamboo  
Near # 17630.  
Dec. 4

17631  
fern on tree trunks  
fronds entire  
narrow  
Near # 17630 ✓

17632  
Polypodium -  
on trees near # 17630 ✓  
Dec. 4  
Silvery surf (scales) on upper surface  
of fronds

17633  
Tiny fern on trees  
Near # 17630 ✓  
Dec. 4

17634  
Small, entire leaved fern  
on tree trunks and branches  
near # 17630 Dec. 4 ✓

17635  
Small, pinnate fern -  
on tree branches near  
# 17630. Dec. 4 ✓

Parasite - mistletoe -  
on tree trunk near # 17630  
Dec. 4 Thick green  
fleshy stems only

17637  
17638 Small entire fronds  
on tree near # 17630  
Dec. 4 ✓

17639  
Bromeliad -  
on tree near # 17630  
Rather broad leaves,  
Dec. 4 ✓

17640  
Bromeliad on tree  
near # 17630  
Very narrow leaves.  
Dec. 4 ✓

17641  
Bracket fungi  
on tree near # 17630  
for Path Dec. 4

17642  
Bracket fungus  
on tree near # 17630 ✓  
Dec. 4

17643  
Tiny fern  
on ledges near  
# 17630 in crevice.  
Dec. 4 ✓



17644

Filmy fern  
on rocks crevices on  
ledges near Valle Nuevo  
at 5000-5200 ft. Dec. 4 ✓  
on steep mountain slopes  
in original pine and cloud forest.

17645

Filmy fern on tall broad leaved  
fern on limestone # 17644.  
50-60 ft from ground.  
Dec. 4. ✓

17646

Lichens on bark etc  
Near # 17644 ✓  
Dec. 4

17647

ditto ✓

17648

yellow fruticose lichen  
on tree near # 17644 ✓  
Dec. 4

17649

Lichens on trees  
near # 17644  
Dec. 4

17650

Lichen fruticose on  
bark of yagilla tree ✓  
near Jarabacoa at 1600 ft.  
Dec. 5

17651

Lichens on bark at 5200 ft.  
near Valle Nuevo - growing on  
bases of trees whitish green  
or nearly white.  
Dec. 4. H.A.A. ✓

17652

Cladonia on bark  
with # 17651 ✓  
Dec. 4

17653

Lichens on trees ✓  
Pannuchias etc.  
Near # 17644  
Dec. 4

17654

Fruticose lichens  
on pine trees ✓  
near # 17644  
Dec. 4

17655

Lichens Cladonia (mats)  
on soil on banks  
in river. Dec. 4 ✓  
Near # 17644

17656

ditto ✓

17657

ditto ✓



17658

Lichens on naked  
spots in pine woods near  
Valle Nuevo at 5200 feet.  
Dec. 4, H. A. Allard. ✓  
In original pine forest.

17659

ditto

17660

ditto ✓

17661

ditto ✓

17662

ditto ✓

17663

Lichens on trees  
etc. Dec. 4  
Near # 17658 ✓

17664

yellow, fruticose  
lichen on trees  
near # 17658 ✓

17665

Lichens on bare spots  
in original pine forest  
near # 17658 Dec. 4

17666

fruticose <sup>lichen</sup> on trees ✓

17667

ditto ✓

17668

ditto ✓

17669

ditto ✓

17670

ditto ✓

17671

Olive green  
fruticose lichen  
on pine tree near  
# 17658 Dec. 4 ✓



Lichens on trees etc  
near Valle Muero at 5200 ft  
Dec. 4 in original pine  
forest. H. C. Gallard. ✓  
In cloud forest.

17672 ditto

17673 ditto

17674 ditto

17675 ditto

17676 ditto

17677 ditto

17678 ditto

Tree lichens  
near # 17672  
Dec. 4 ✓

17679 ditto ✓

17680 ditto ✓

17681 ditto ✓

17682 ditto ✓

17683 fern in  
tree near # 17672  
Dec. 4 ✓  
Polypodium

17684 fern  
on tree near # 17672  
very small Dec. 4 ✓

17685 Lichens on  
trees and soil  
near # 17672. Dec. 4 ✓



Cladonia - red fruiting  
bodies on logs etc near  
17686 Valle Nuevo at 5200 ft  
Dec 14, in orig. pine forest.  
H.A.A.

17687 same Cladonia  
Dec 4 near # 17686 ✓

17688 Cladonia  
Near 17686 ✓

17689 ditto Cladonia ✓

17690 ditto  
Near # 17686 ✓

17691 Lichens on bark  
etc near # 17686 ✓

17692 ditto ✓

Lichens on bark of  
trees etc., near # 17686

17693 Dec 4  
H.A.A. ✓

17694 ditto ✓

17695 ditto ✓

17696 ditto ✓

17697 ditto ✓

17698 ditto ✓

17699 ditto ✓



Lichens on bark etc  
at 5200 ft near Valle  
Muera, in orig. pine  
forest, in cloud zone ✓  
Dec. 4, 1947  
H.A. Allard

17700

17701

ditto

17702

ditto

17703

ditto

17704

ditto

17705

ditto

17706

ditto

Lichens on tree  
bark etc., near # 17700  
Dec. 4  
H.A. Allard

17707

17708

ditto

17709

ditto

17710

ditto

17711

ditto

17712

ditto

17713

ditto



Lichens on trees, bark etc  
in orig. pine forest at 5200 ft  
17714 near Valle Nueva  
Dec. 4, 1947 ✓  
H. S. Gentry

17715 ditto ✓

17716 ditto ✓

17717 ditto ✓

17718 ditto ✓

17719 ditto ✓

17720 ditto ✓

Lichens - Cladonia  
etc, on soil and  
forest floor debris - near  
17721 # 17714 Dec. 4 ✓

17722 ditto ✓

17723 ditto ✓

17724 ditto ✓

17725 ditto ✓

17726 ditto ✓

17727 ditto ✓



17728

Lichens on soil  
 etc., near Valle Nuevo  
 at 5200 ft, in orig. pine  
 forest, Dec. 4, 1947  
 H.A. Allard

17729

ditto

✓

17730

ditto

✓

17731

ditto

✓

17732

ditto

✓

17733

ditto

✓

17734

ditto

✓

17735

Lichens on soil  
 etc., near # 17728  
 Dec. 4 ✓

17736

ditto

✓

17737

ditto

✓

17738

Truncicose lichens  
 on trees near # 17728  
 Dec. 4

17739

ditto

✓

17740

Lichens on soil  
 Near # 17728  
 Dec. 4

17741

ditto

✓



Cladonia on soil  
in orig. pine forest  
near Valle Nuevo at  
5200 ft. Dec. 4, 1947  
H. A. Allard

17742

ditto Near #17742

17743

ditto

17744

ditto

17745

ditto

17746

ditto for Path  
Near #17742

May be fungus  
(on wood) Dec. 4

17747

Lichens on bark etc  
Near #17742

Lichens on bark etc  
in cloud forest near  
#17742 Dec. 4

17748

17749

ditto

17750

Fern - On tree  
near #17742  
Dec. 4

17751

Filmy fern?  
in rock crevices on ledge  
near #17742 Dec. 4

17752

17752a

Filmy fern high up  
on branch of tree (Dec. 4)  
near #17742

17753

Mosses (many)  
Near #17742 Dec. 4

17754

Mosses (many)  
Near #17742



Hepatic - on bark  
at 5200 ft, near Valley Nuevo  
17756 in cloud forest, Dec. 4, ✓  
In original pine forest.  
H.A. Allard.

17757 Fringing fern  
On rocks and bark ✓  
near # 17756  
Dec. 4

17758 Lichens on soil - ✓  
Near No 17756  
Dec. 4

17759 Cladonias  
On soil near # 17756  
Dec. 4

17760 Lichens on bark  
near # 17756 ✓  
Dec. 4

17761 Lichens on bark ✓  
near # 17756.  
Dec. 4

17762 Lichens on bark etc. ✓  
Near # 17756

Lichens on bark  
Near # 17756  
17763 Dec. 4 ✓

17764 Lichens on bark -  
Cladonia on soil  
Near # 17756.  
Dec. 4

17765 Lichens on soil, ✓  
bark etc.  
Near # 17756  
Dec. 4

17766 Mosses  
on soil, tree etc. ✓  
Near # 17756 Dec. 4

17767 Fun fungi  
Piedra Blanca  
Nov. 5, 1947, H.A. Allard

17768 Lichens on ✓  
leaf, Piedra Blanca  
Nov. 5, 1947.  
H.A. Allard

17769 ✓  
Promeliad in  
tree near Garabito  
Dec. 5 - (with 17624, on same tree)



Heater - on soil in  
cloud forest at 5200 ft. near V. Nervo  
177770 Dec 4, 1947, in original  
pine forest. H. A. Allard.

On knobby or loga near Piedra  
blanca (South) in ravine etc. 1000-1100 ft.  
177771 in altitude. Dec 10, 1947  
H. A. Allard.

✓ Parasite in dense clusters on legume  
tree near Goodrich rubber grove  
on Luga laurel, a legume.

177772 Tree at rubber grove near  
Goodrich plantation; introduced  
some years ago from Puerto Rico,  
fl. drooping, yellow, in terminal  
panicles.

177773 False banana - a large herb  
with huge erect yellow flowers  
✓ ariflike in one plane. In deep  
ravine at 1000-1100 feet; 15-20 feet tall.

177774 Shrub near # 177773  
Berries dark blue black -

✓ 177775 Piper.  
In ravine, heavily wooded,  
with # 177773

177776 Slender climbing fern  
clinging to tree trunks by roots  
pressing itself to trunk - 10-15  
ft. tall. On ravine with # 177773.

Mosses on logs, banks etc  
in deep, damp, shaded ravine  
177777 near # 177773. Dec 10

✓ 177778 Olyra latifolia, at 1100 feet  
in ravine near # 177773.

177779 Climbing scrambling bamboo-like  
Near # 177778 - In ravine.

177780 Tall shrub, 7-10 ft; fl. yellow  
near # 177778 Dec 10

✓ 177781 Shrub. On edge of  
woods near # 177778; fl. yellow,

✓ 177782 Scrambling, climbing shrub;  
fl. white, near # 177778.

✓ 177783 Smilax-like climber; fl. yellowish  
near # 177778.  
fl. red, - is it a climber?



Pepper - solanum - ripe fruit red, very  
hot. at edge of thicket at 1100 feet  
17784 Dec. 10. on knob 1100 ft. in alt.  
beyond Goodrich rubber grove near  
Piedra Blanca. H.A. Allard  
Tall panicum - near #17784

17785

17786 Vine - fl. crimson, showy;  
near # 17784.

17787 Composite, fl. greenish.  
at top of knob at edge of  
planting, near # 17784

17788 fl. greenish white - Near  
# 17784 at edge of clearing.  
Composite

17789 Tiny beautiful mushroom,  
all gills just at cream with red or magenta  
lines. on leaf mold on trail to  
rubber grove (Goodrich) near  
Piedra Blanca. Dec. 10

17790 Showy; fl. deep rose,  
common along trail near  
17789

Tall shrubby legume -  
fl. purple. On experimental  
17791 grounds at Piedra Blanca  
ruffa station; introduced  
and thriving. For stock food.

17792 Tall legume introduced from  
southern tropics; fl. purple -  
for stock. Near # 17791.

17793 Tall shrubby legume  
introduced from southern  
tropics; near # 17791; fl. reddish  
purple.  
For stock.

17794 Narrow ponds - fern  
on tree in deep ravine at  
1000 - 1100 ft near # 17784 ✓

17795 Route plant - On sides  
of steep ravine near # 17784  
Dec 10  
part flowering

17796 Pilea - trailing, in deep  
ravine near # 17795,  
Dec 10

17797 Lichens on leaves in  
deep ravine near # 17796  
Dec 10 ✓



Lichens on people of fern  
in deep ravine on snow at 1000 ✓  
17798 to 1100 feet high - beyond Piedra Blanca  
rather porous at Piedra Blanca  
Dec. 10. H. A. Allard 1794

Lichens on leaves  
near # 17798 ✓  
17799

17800 Mosses, hepatic in  
deep, dark ravine on soil logs ✓  
bark etc at 1000 to 1100 ft near  
# 17798

17801 ditto - on tree ✓

17802 ditto on tree ✓

17803 ditto ✓

17804 ditto ✓

Mosses, hepatic in bark, logs etc  
with # 17800 Dec. 10  
H. A. Allard

17805 ✓

17806 ditto ✓

17807 ditto ✓

17808 ditto on bark ✓

17809 ditto on trees etc ✓

17810 ditto ✓

17811 ditto ✓



Mosses, hepatic in lar, red  
ravine on knob beyond SW. of  
Goodrich subalpine zone at Tiedra  
17812 Blanca - at 10000 to 11000 feet  
Dec 110, 1947. H.A.A.

ditto - on log

17813

17814

ditto  
on soil in very  
heavy shaded ravine

17815

ditto on soil etc.

17816

ditto

17817

ditto

17818

ditto

Mosses, hepatic near  
# 17812

17819

ditto

17820

17821

ditto

17822

ditto

17823

ditto

17824

ditto

17825

ditto

17825a lichen



Mosses, hepatic  
on logs, soil, bark of trees  
etc. in deep, wet ravine on  
17826 knob S.W. of Piedra Blanca  
rubber grove at 1000 - 1200 ft. Dec. 10

17827

ditto

✓

17828

ditto

✓

17829

ditto

✓

17830

ditto

✓

17831

ditto

✓

17832

ditto

✓

Near # 17826 Same date  
data  
Dec. 10

17833

17834

ditto

✓

17835

ditto

✓

17836

ditto

✓

17837

ditto

✓

17838

ditto

✓

17839

ditto

✓

17839a

✓



Mosses, hepaticae  
on knob at 1000-1200 feet -  
17840 deep ravine South west ✓  
of Goodrich rubber grove at Pischke  
of Plamier, Dec. 10. N.A. altitud

17841 ditto ✓

17842 ditto ✓

17843 ditto ✓

17844 ditto ✓

17845 ditto ✓

17846 ditto ✓

Near # 17840  
Mosses, hepaticae  
same  
date  
data

17847 ✓

17848 ditto ✓

17849 ditto ✓

17850 ditto ✓

17851 ditto ✓

17852 ditto ✓

17853 ditto ✓



Mosses, hepatic collected on  
Loma or knob S.W. of Goodrich rubber  
grove at 1000-1700 ft in deep  
17854 ravines. Dec 10, 1947  
H.A. Allard

17855 filmy fern 3 on trunk  
near # 17854 ✓ ✓

17855a  
17855 fern ditto ✓  
17856 young manzanilla palm  
(See Moscoso) near # 17854  
Dec 10 ✓

17857 Mosses - hepatic with  
# 17854 ✓

17858 ditto ✓

17859 ditto ✓

17860 filmy fern 3  
near # 17854 ✓  
17860a fern ✓

Mosses hepatic with  
# 17854 Dec 10, 47  
H.A.A.

17861 ✓

17862 ditto ✓

17863 ditto ✓

17864 ditto ✓

17865 ditto ✓

17866 ditto ✓

17867 ditto ✓



Monos, hepatic collected  
on loma or scrub in deep ravine  
S.W. of Goodrich rubber grove, Piedra  
Blanca, Dec. 10, 1947 ✓  
at 1000/-1100 ft, H.B.A.

17869

ditto

✓

17870

ditto

✓

17871

ditto

✓

17872

ditto

✓

17873

ditto

✓

17874

ditto

✓

Monos, hepatic  
near # 17868

same  
date  
etc

17875

✓

17876

ditto

✓

17877

ditto

✓

17878

ditto

✓

17879

Pilea  
in ravine on bank with  
# 17868

✓

17880

near Lichens on bark  
near # 17868.

✓

17881

Lichens on fern frond  
near # 17868

✓



White bracketed fungi on log  
in deep ravine s.w. of Brodwin's  
17882 Rubber grove of Piedra Blanca  
at 1000-1100 ft on <sup>the</sup> lava. ✓  
for path Dec. 10. H.A.

17883 Mosses, hepaticae  
near # 17882. ✓

17884 ditto ✓

17885 Hepaticae on bark of  
big mango tree at Ciudad  
Trujillo Dec. 13, 1947 ✓

17886 Mosses, hepaticae on  
coral rock, trees etc, west of  
Ciudad Trujillo in high place. ✓  
Dec. 14, 1947 H.A. Allard,

17887 On bark. ✓

17888 ditto On dead wood ✓

Mosses, hepaticae on  
dead rock, trees etc  
17889 near # 17886 - all on  
coral rock formation ✓ same date  
etc,

17890 ditto ✓

17891 ditto ✓

17892 ditto ✓

17893 ditto ✓

17894 White lichens on bark  
near # 17886 Dec. 14 ✓

17895 Green lichens on  
tree, near # 17886 ✓ ditto



Lichens on trees, bark etc.,  
on coral rock forming nest of 40.9  
17896 Ciudad Tuzigillo. ✓ Dec. 14, 1947

17897

ditto

✓

17898

ditto

✓

17899

ditto

✓

17900

ditto

✓

17901

ditto

✓

17902

ditto

✓

17903

Mosses, hepatics  
on bark of trees etc.,  
near # 17896 ✓ Dec. 14

17904

Lichens near # 17896

✓

17905

ditto

✓

17906

ditto

17907

ditto

✓

17908

Mosses, hepatics  
near # 17896, ✓ Dec. 14

17909

ditto

✓



Mosses, hepatic on bark etc.,  
on coral rock formation near  
17910 of Ciudad Trujillo, Dec. 14  
H. A. Allard

ditto

17911

✓

17912 Lichens - black, near  
# 17910 Dec. 14 ✓

17913 Mosses, hepatic on bark  
of strangling fig - near #  
17910 Dec. 14 ✓

17914

ditto

✓

17915

ditto

✓

17916

ditto

✓

white lichen on trunk of  
trees near # 17910. Dec. 14

17917

✓

17918

ditto

✓

17919

ditto

✓

17920

ditto

✓

17921

Mosses, hepatic  
living on bark near # 17910 Dec. 14 ✓

17922

ditto

✓

17923

on guinea tree  
Horn vespertine ✓



Mosses, hepatics on trees  
etc west of Ciudad Trujillo  
on coral rock formations V  
17924 Dec. 14, 1947 H.A.D.

17925 ditto

17926 ditto V

17927 ditto V

17928 Lichens on bark etc -  
- white - V

17929 Lichens near # 17924 V

17930 ditto V

Lichens on trees near  
# 17924 Dec. 14  
17931 V

17932 Hepatics, mosses  
on bark near # 17924  
Dec. 14 V

17933 ditto V

17934 ditto V

17935 ditto V

17936 Lichen near # 17924  
Dec. 14. On tree V

17937 Mosses, hepatics on  
coral rock - Dec. 14  
L



Masses, lichens on coral  
rock outcrop west of Ciudad  
Trujillo Dec. 10, 1947  
17938 H.A. Allard

Lichen or fungus on  
leaf. west of Ciudad  
Trujillo, near # 17938 Dec. 14  
17939 for Path

Twig with leaf spots -  
for Path. Near # 17938  
✓ Sp. of shrub? Dec. 14

Grass, very tall, scrambling.  
8-10 ft. Near # 17938  
17941 Dec. 14

Leaves of # 17940  
with leaf spot  
near # 17938  
17942

Solanum  
6-8 feet tall.  
Near # 17938  
17943

Rhodoid - crimson  
lattice, work brown white  
base, also have Ciudad Trujillo,  
Dec. 15, 1947. H.A.A.  
17944

Shrub (low) common, used for  
brooms - called Escoba de puerco  
fl. yellow, Petala blanca - allridge,  
17945 Dec. 17, 1947, H.A. Allard

17942 Is this Coccoloba venosa

crimson  
# 17945  
to near # 17945

f - hips  
17945

Loides  
Her apparently  
us, an escape  
nple Dec. 17  
in trees.  
H.A.A.

on trail  
2 groves  
called  
"steep hemlock" and  
Has leaf spot  
Dec. -

ling, fl. white  
purple lines

In thickets near # 17949  
17951 Tree areas. Goodrich rubber grove;  
fl. deep rose; fragrant; upper petals crimson  
blotched and lined. =  
sp.  
Dec. 17



Mosses; lichens on coral  
rock outcrop west of Ciudad  
Trujillo Dec. 14, 1947  
17938 H.A. Allard

17939 Lichen or fungus on  
leaf, west of Ciudad  
Trujillo, near # 17938 Dec. 14  
for Path

17940 Tree with leaf spots -  
for Path. Near # 17938  
✓ sp. of shrub? Dec. 14

17941 Grass, very tall, scrambling.  
8-10 ft. Near # 17938  
Dec. 14

17942 Leaves of # 17940  
with leaf spot  
near # 17938

17943 Solanum  
6-8 feet tall.  
✓ Near # 17938

17944 Rhaphid - crimson  
entire, more brown white  
base, in lower Ciudad Trujillo,  
Dec. 15, 1947. H.A.A.

Shrub (low) common, used for  
brooms - called Escoba de puerco  
17945 fl. yellow, Piedra Blanca - Goodridge,  
Dec. 17, 1947, H.A. Allard

17946 Shrub 4-5 ft; fl. crimson  
✓ very showy. Near # 17945  
in moist thickets near # 17945

17947 Trailing over stump - pipew  
in woods near # 17945

17948 Pueraria phaseoloides  
✓ In fields at rubber experimentally  
station, Piedra Blanca. An escape  
everywhere. fl. purple Dec. 17  
climber 25-30 feet in trees.  
H.A.A.

17949 White flowered - on trail  
near Goodrich rubber grove  
near Piedra Blanca - called  
Guana la Harca, steep hills; used  
in lung troubles. Has leaf spot  
Dec. -

17950 ✓ Centrosema - high climbing, fl. white  
turning cream; standard with purple lines  
in thickets near # 17949

17951 Tree near Goodrich rubber grove;  
fl. deep rose; fragrant; upper petals crimson  
✓ blotched and lined. sp.  
Dec. 17



At Goodrich rubber station.  
Piedra Blanca near house built  
for overseer; scrambling - very  
beautiful crimson fl. <sup>some flowers</sup>  
from Puerto Rico, Dec, 17, H.A. Allard

Low shrub - on trail  
near # 17952. Dec, 17,  
17953 Has leaf spot - see -

17954 Fern. In deep <sup>wooded</sup> ravine near  
Goodrich rubber grove - Dec, 17 ✓

17955 High climbing woody vine  
with large pods on very long horizontal  
peduncles; leaves large - obovate -  
✓ Macuna urens Poir. & Rendle (?)

17956 Paper-trailing. On moss-covered  
stump in deep woods in ravine  
near # 17954. Dec, 17.

17957 Fruticose lichens in top of  
enormous Algarroba tree felled.  
In deep wooded ravine near Goodrich  
rubber groves near Piedra Blanca Dec 17, 19 ✓  
H.A. Allard

17958 Hepatic or moss on tree  
trunks near # 17957. Fleshy leaves  
when dry; of a green - grayish when  
moist and very beautiful. ✓

Mosses on tree trunks  
near # 17957. same date  
17959 ✓ data

17960 Fleshy fern. on tree trunks  
in deep ravine with brook - ✓  
on trail to Goodrich rubber grove,  
Dec, 17, 1947 H.A. Allard

17961 Mosses hepatic on trees,  
logs etc., near # 17957. ditto ✓  
Dec, 17

17962 Mosses on fall log,  
near # 17957. Dec, 17 ditto ✓  
L

17963 Mosses, hepatic on  
bark of tree etc. Dec, 17 ✓  
near # 17957

17964 ditto ✓

17965 ditto ✓



Mosses, hepatic in  
ravine near Piefra Blanca -  
near Goodrich rubber grove  
17966 on trees, lost Dec. 17, 1947. N.A.G. V

17967 ditto V

17968 ditto V

17969 ditto V

17970 ditto V

17971 ditto V

17972 V

Mosses, hepatic  
near # 17966 same data,  
date,  
etc.

17973 V

17974 ditto V

17975 ditto V

17976 ditto V

17977 ditto V

17978 ditto V

17979 ditto V



Mosses, hepatic on bark,  
trees etc in ravines near  
Piedra Blanca, near Goodrich  
17980 Rubber groves, Dec. 17, 47  
H.A. Allard ✓

17981 ditto ✓

17982 ditto ✓

17983 ditto ✓

17984 ditto ✓

17985 ditto ✓

17986 ditto ✓

Mosses, hepatic  
near # 17980 Same date  
data

17987

17988

17988a ditto ✓

17989 ditto ✓

17990

17991 ditto ✓

17992 ditto ✓

17993 ditto ✓



Mosses, hepatic in ravines  
near Piedra Blanca near and around,  
Goodrich Butte, Dec. 17, 47  
17994 ✓ H.A. Allard

ditto

17995

✓

ditto

✓

17996

ditto

✓

17997

ditto

✓

17998

ditto

✓

17999

ditto

✓

18000

Mosses, hepatic  
on trees, bark etc., near  
# 17994 Dec. 17  
H.A. Allard.

18001

✓

ditto

18002

✓

ditto

18003

✓

ditto

18004

✓

ditto

18005

✓

ditto

18006

✓

ditto

18007

✓



Mosses, hepaticae on trunks  
of trees, logs etc., in wooded ravines,  
near and around Piedra Blanca,  
18008 near Goodrich rubber groves Dec. 17  
H.A. Allard

18009 ditto ✓

18010 ditto ✓

18011 ditto ✓

18012 ditto ✓

18013 ditto ✓

18014 ditto

Mosses, hepaticae  
near # 18008. Dec. 17, '17  
H.A. Allard

18015 ✓

18016 ditto ✓

18017 ditto ✓

18018 ditto ✓

18019 ditto

18020 ditto ✓

18021 ditto ✓



Lichens etc.  
on logs, bark of trees etc  
near Piedra Blanca in deep  
18022 wooded ravine north of Goodrich  
rubber grove, Dec, 17, 1947  
H.A. Allard. ✓

18023 ditto ✓

18024 ditto ✓

18025 ditto ✓

18026 ditto ✓

18027 ditto ✓

18028 ditto ✓

Lichens on tree logs  
etc., near # 18022. Dec, 17, 47  
H.A. Allard, ✓

18029

18030 ditto ✓

18031 ditto ✓

18032 ditto ✓

18033 ditto ✓

18034

Mosses, hepatics  
near # 18022 Dec, 17, ✓

18035

Orchid. on tree  
near # 18022, Dec, 17  
✓



✓ ✓ Flg. and leaf of *Durillomané*  
pipe vine, all pods - near  
18036 Goodrich rubber grove - on trail  
from Piedra Blanca, Dec. 17, 47  
very odd.

✓ 18037 Small, pinnate *Ipomoea*  
or *Jacquinella*. West of Ciudad  
Trujillo in thickets,  
Dec. 19, 1947.  
H.A.G.

18038 Long, narrow fronds of fern  
Mistla, near <sup>no</sup> cars, Dec. 21, 1947 ✓  
Two clumps growing on coral cliff,  
west of Ciudad Trujillo

18039 Moss on dead stump  
near # 18038 Dec. 21  
✓

18040 Mosses, hepatics  
near # 18038, on coral  
outcrop, cliffs ✓  
18040a L

18041 ditto ✓

18042 ditto ✓

✓ Vine on coral outcrops  
and cliffs near # 18038  
18043 Dec. 21,

18044 Mosses, hepatics on  
dead logs near # 18038  
Dec. 21, in ravine and  
big caves in coral rocks west of  
Ciudad Trujillo

18045 ditto ✓

18046 ditto

18047 ditto ✓

18048 ditto ✓

18049 ditto ✓



Mosses, hepatics on  
logs, etc. ~~near~~ by caves  
18050 in coral rock wall of Cindad  
Tangillo, Dec. 21, 1947  
(on dead wood, logs) ✓

18051 Mosses <sup>coral rocks</sup> near # 18050  
✓

18052 Mosses on coral rocks  
near # 18050 ✓

18053 On bark near base of  
jaillia tree near  
# 18050 ✓

18054 ditto ✓

18055 ditto ✓

18056 ditto ✓

Mosses, hepatics on rocks  
(coral) near # 18050  
Dec. 21  
✓

18057

ditto ✓

18058

18059 Leaf with thin  
lichens on upper surface ✓  
near # 18050

18060 Bracketed fungi (white) ✓  
on old log near # 18050  
Dec. 21, ✓

18060a

18061 Mosses, hepatics on  
coral cliffs near # 18050 ✓  
Dec. 21

18062

Lichens also  
ditto ✓

18063

ditto ✓



Mosses, hepaticae det.  
on coral cliff outcrops in ravine  
at big creek west of Lindblad ✓  
18064 Trifloro Dec. 21, 47 Haag

ditto Near # 18064

18065

ditto

18066

ditto

18067

ditto

18068

ditto

18069

ditto

18070

Mosses, hepaticae ✓  
on coral rocks with ✓  
# 18064 Dec. 21

18071

ditto ✓

18072

ditto ✓

18073

ditto ✓

18074

Lichens Mosses, hepaticae ✓  
on bark of tree Dec. 21  
near # 18064

18075

ditto ✓

18076

ditto ✓

18077



Balsam de India - Tall  
climber, woody vine, along  
Maimon River near bridge

✓ 18078 at Piedra Blanca, Dec. 23, '97  
H. Allard

✓ *Gouania lupuloides* (L.) Urb.

✓ 18079 Same - (Enormous pods) in  
Near # 18078 - fl. in short  
dense spikes,  
greenish.

✓ 18080 Pipe vine - leaves of  
# 18036. Near Goodrich  
rubber grove on trail - Piedra  
Blanca, Dec. 23,

✓ 18081 Vine; fl. yellow,  
in pine forest north of Piedra  
Blanca on slope. Dec. 23,

✓ 18082 Vine (woody) near # 18081  
fl. greenish Dec. 23  
Near # 18081

✓ 18083 Composite; fl. yellow -  
in pine forest near # 18081

✓ 18084 fl. yellow,  
in pine forest near # 18081

shrub; fl. white, in pine  
forest with # 18081 Dec. 23

18085

✓ 18086 Shrub; fl. yellow,  
in pine forest near # 18081,  
Dec. 23,

✓ 18087 Tree - tall -; fruit green  
- large panicles.  
On trail to rubber grove (Goodrich)  
beyond Piedra Blanca. Dec. 23

18088 Same; fl. pink  
in thicket near # 18087.

✓ 18089 Black fruit on underside  
guava leaves; near # 18087,  
Dec. 23  
all on some trees

✓ 18090 Epiphytic Pilea; on orange  
tree in woods near # 18087  
Dec. 23

✓ 18091 Bromeliad - on Calatropis  
tree in woods near # 18087  
Dec. 23



Lichens on leaves of Dec. 23.  
Scleria

18092

On fungus on thickets on  
trail to woods near gorges  
beyond Piedra Blanca.

18093

On lichen on Calabash tree  
(Black Summit of leaves) on lichen,  
Near # 18092.

18094

Orchid. fl. purplish red, dark,  
Summit on leaves; same  
as # 18093. On  
same tree

18095

Orchid - on tree with  
# 18093

18096

Epiphytic Pilea, on top  
of same tree with # 18093  
Leaves thick, dark green,

18097

Orchid: small white  
fl., on same tree with  
# 18093.

18098

Leaves of # 18099  
with rust beneath  
for Path. Near # 18092

18099

bl. white; thickened  
with # 18092

18100

Dec. 23,  
(Rust on undersurface of  
leaves of plants) of  
Pilea on old log and  
stump; near # 18092

18101

Lichens on leaves  
of Pomme de rose  
Near # 18092, Dec. 23

18102

Shrub; fl. yellow  
3-4 ft. In damp woods  
near # 18092, Dec. 23

18103

Mosses, hepatic on trees  
deep in woods and ravines  
near Piedra Blanca Dec. 23,  
near # 18092 -

18104

ditto

18105

ditto



Mosses, hepaticae on trees, stumps  
etc. west of Piedra Blanca in ravines  
etc. Dec. 23, 1947. H. A. Allard

18106

✓

✓

18107

ditto

✓

18108

ditto

✓

18109

ditto

✓

18110

ditto

✓

18111

ditto

✓

18112

ditto

✓

Mosses, hepaticae near  
# 18106 Dec. 23.

18113

✓

18114

ditto

✓

18115

ditto

✓

18116

ditto

18117

ditto

✓

18118

ditto

18119

ditto

✓



18120

Mosses, liverworts on  
logs, trees etc. in ravines  
on slopes etc. west of Piedra  
Blanca. Dec. 23. H. A. Allard

✓

18121

ditto

✓

18122

ditto

✓

18123

ditto

✓

18124

ditto

✓

18125

ditto

✓

18126

ditto

Mosses, liverworts  
near # 18120 Dec. 23

18127

✓

ditto

18128

✓

18129

ditto

✓

18130

ditto

18131

ditto

✓

18132

ditto

✓

18133

ditto

✓



Moscos, liverworts in  
rainforest, on clafes, - on trees, logs  
E. of road of Piedra Blanca,  
Dec. 23, 1947, H.A. ✓

18134

18135

18136

18137

18138

18139

18140

ditto

✓

ditto

✓

ditto

✓

ditto

✓

ditto

✓

ditto

✓

Moscos, hepaticae near  
# 18134 Dec. 23

18141

✓

ditto

18142

✓

18143

ditto

✓

18144

ditto

✓

18145

ditto

✓

18146

ditto

✓

18147

ditto

✓



Mosses, hepaticae on logs, bark  
etc. near Piedra Blanca in  
ravines etc. Dec. 23, 1947

18148

18148a *liverworts* ✓

18149

ditto

✓

18150

ditto

18151

ditto

✓

18152

ditto

18153

ditto

✓

18154

ditto

✓

Mosses, hepaticae near  
# 18148 Dec. 23

18155

✓

18156

ditto

✓

18157

ditto

✓

18158

ditto

✓

18159

ditto

✓

18160

filmy fern  
on trees in ravine  
near # 18148, Dec. 23 ✓

18161

Fern - short oblong  
bronds. on tree near  
# 18148. Polypodium? ✓  
Dec. 23



Mosses - hepatic  
on logs, trees etc. near of Piedra Blanca  
in ravine etc. ✓

18162

Dec. 23, 1947. Itag

Lichens -  
on trees, logs etc  
near # 18162

18163

✓

18164

ditto

✓

18165

ditto

✓

18166

ditto

✓

18167

ditto

✓

18168

ditto

✓

Lichens -  
near # 18162 Dec. 23

18169

✓

18170

ditto

✓

18171

ditto

✓

18172

ditto

✓

18173

ditto

✓

18174

ditto

✓

18175

ditto

✓



slate Purple fungus (flat) on  
bark - in woods on tree  
18176 near Piedra Blanca - ✓  
for Path! Dec. 23, 47 H.A.G.

Heptaria on roots of orchid  
bush in tree near # 18176

18177 Dec. 23, 1947 ✓

18178 weed in Allard's lawn, Ciudad  
Trujillo, long - ascending - 8-12  
inches tall, with small purplish blue  
flowers, presumably an *Asarum*.  
Dec. 24, 1947

18179 Needs of 4-5 leaved pine  
*Pinus occidentalis* var. with  
one or two yellow spots on the needles.  
(from Piedra Blanca) Dec. 23, 1947 ✓

18180 Fungus spots on cacao  
bark. Piedra Blanca. Dec. 23,  
fruit white - sprinkled with  
spots. ✓

18181 *Durantiaceae* - so-called?  
fl. red, pendent like *Hibiscus* -  
at Alcazar Colon - tall tree, shrubby.  
Dec. 28, 1947 - Ciudad Trujillo. ✓

18182 Legume - tree Ciudad  
Trujillo - ~~flat~~ flat -  
See photo. Dec. 28, 47 H.A.G.

Asarum - fl. purplish blue  
Roadside west of Ciudad  
Trujillo Dec. 28, H.A.G.

18183

18184 Trailing - climbing; fl.  
pure white, even in throat  
west of Ciudad Trujillo  
by roadside - Dec. 28. 47  
H.A.G.

18185 At Loma Blanca - left of  
foot of Loma Camfara - 1200 feet -  
Dec. 31, 1947. - *Alseodaphne*  
(For stomach (stuffed))

18186 *Convolvulus* - Near # 18185  
shrub - January 1 ditto

18187 Along Los Platanos, Rio -  
at 1200-1300 feet. January 1, 47 ditto  
Tall shrub or small tree  
fl. small whitish

18188 Fern - in canyon or ravine of  
Los Platanos Rio -  
Jan. 1, 1948 - at 1200 feet, ✓  
[1948]

18189 Near # 18188 - Fern - ditto  
like shield fern, Jan. 1  
✓



✓ 18190

Legume fl scarlet - shrub, woody,  
In ravine of Los Platanos Rio  
at foot of Loma Campana  
at 1200-1400 ft. Jan. 1, '48  
H.A.A.

18191

Orchid on tree - near  
# 18190 Jan. 1, '48

18192

White fungus on bark of  
tree, near # 18190; luminous  
in dark! ✓

✓ 18193

Orchid on tree Dec. 31, '47  
On Loma Campana  
fl. very tiny, crimson.  
at 3000 feet. H.A.A.

18194

climbing fern - in orig. forest  
near # 18193 - Dec. 31, '47 ✓

18195

Top of Loma Campana  
at 3400 ft. Dec. 31, '47  
in orig. forest. H.A.A.

18196

Smilax. with # 18195 ✓  
ditto

18197

Sedge, in clump at 3400 ft.  
cloud and rain massy forest  
on top of Loma Campana,  
Dec. 31, '47  
H.A.A.

✓ 18198

ditto  
with # 18197 - shrub  
fl reddish

18199

shrub on all tree;  
fl greenish, near # 18197 ditto

18200

Moraceae, Befaria etc  
in trees near # 18197 ✓ ditto

✓ 18201

shrub; fl. dull yellow  
Top of Loma Campana 3400 ft  
with # 18197 ditto

18202

sterile - shrub - Top of  
Campana. Dec. 31, '47 H.A.A.  
near # 18197

18203

shrub; near # 18202  
berries wine red ditto



Top of Loma Campana, at  
3400 ft. in primary cloud and  
rain forest, Dec. 31,  
18204 Shrub; fl. yellow, dull f.a.a

18205 Shrub  
fl. greenish; ditto  
near # 18204

18206 Fern on tree trunk near  
# 18205. ditto

18207 Climbing: Piperaceae  
Dec. 31. Near # 18205 ditto

18208 Hepaticae?  
On leaf: near # 18205 ditto

18209 Mosses, hepaticae  
on trees near # 18205 ditto

18210 Fern frond found on  
trunk of tree near ground  
near # 18205 ditto

Piperaceae  
Climbing on trees  
Near # 18205 - top at 3400 ft  
Dec. 31. 47  
f.a.a

18211

18212 Hepaticae on leaf of  
# 18211: Dec. 31, 1947 ditto

18213 Shrub -  
Near # 18211 ditto

18214 Shrub or small tree  
Near # 18211 ditto

18215 Shrub; fl. cream colored  
near # 18211 ditto

18216 Grass; at top near # 18211 ditto

18217 Grass; bamboo-like,  
called Titici, near # 18211 ditto  
High scrambling.



T of Loma Campana, 3400 ft, in  
orig. cloud and rain forest Dec, 31, 47

18218 fl. yellow, H.A.A.

Burns<sup>2</sup>, native name  
Cura cat it. Shrub.

18219 Tree - Very thick, dark green  
glabrous leaves fl. 10-12 in  
a cup-shaped continuous bract ditto.

18220 Fern on tree trunk  
near # 18218 ditto

18221 Mosses, red hepatic etc  
on trees near # 18218 ditto

18222 Orchid on tree  
near # 18218 ditto

18223 Filmy fern; pendent from  
trees near # 18218. in cloud forest. ditto

18224 ferns at base of tree  
on top of Loma Campana  
near # 18218 ditto

Hepatic etc. on fronds  
of fern # 18224 - and  
other bryophytes

18225 Near # 18218 Dec, 31, 47  
H.A.A.

18226 Shrub; fl. red; attractive  
large purple bract  
at 3100 ft on Loma Campana.  
Dec, 31.

18227 Shrub; fl. cream  
with # 18226 at 3100 ft, ditto

18228 Orchid - on trees  
at 3100 ft, Dec. 31  
with # 18226 ditto

18229 Composite - shrub  
near # 18226 ditto

18230 Orchid on trees  
near # 18226 ditto

18231 fern. On tree  
near # 18226 ditto



- On slope of Loma Campaña  
at 3100 feet in clouds and rain  
forest; *Epiphyllum* forest;  
18232 ✓ Dec. 31, 1947. *H. a. a.*  
terrestrial orchid; fl. white.
- 18233 ✓ Legume; fl. crimson  
Near # 18232. ditto
- 18234 ✓ Creeping at base of trees  
etc. near # 18232 ditto
- 18235 ✓ Piperaceae  
Climbing on tree trunk ditto  
Near # 18232;  
Leaves very thick, leathery or rubbery -
- 18236 ✓ Shrub at 2500 feet on  
slope of Loma Campaña Dec. 31  
at 2500 feet
- 18237 ✓ Prickly-leaved shrub  
near # 18236 ditto Dec. 31
- 18238 ✓ Shrub; fl. red. near  
# 18236 ditto Dec. 31

- shrub; near # 18236,  
same data  
etc.
- 18239
- 18240 ✓ climbing fern on tree  
trunk near # 18239, ditto  
18240<sup>2</sup>
- 18241 ✓ Piperaceae?  
Near # 18239 ditto  
near # 18
- 18242 ✓ Terrestrial orchid  
in primary forest near ditto  
# 18239
- 18243 ✓ Vine with <sup>dense</sup> clusters  
of crimson flowers and coarse,  
thick green leaves. Near ditto  
# 18239.
- 18244 ✓ Shrub - berries blue  
near # 18239 ditto
- 18245 ✓ fleshy mushrooms  
on log; near # 18239 ditto



Piperaceae  
On slope of Loma Campana  
18246 In orig forest (cloud and  
rain forest) Dec. 31, 47  
at 2500 feet, H.A.A.

18247 Piperaceae  
Leaves dark green, thick little  
growing on logs, tree  
bark tough etc. near # 18246.  
bark translucent white (see)

18248 Piperaceae  
Long spikes. near # 18246  
On bank at 2500 ft

18249 Fern. On banks in  
arroyo near # 18246 ditto

18250 White, thin mushroom  
on log near # 18246 ditto

18251 Bromeliad in flower  
on tree at 1400 feet  
on Loma Campana Dec. 31 ditto

18252 Fern - on bank  
near # 18251 in  
ravine. Dec. 31 ditto

Fern. on bank of ravine  
on slope of Loma Campana.  
18253 In primary forest  
Dec. 31, 1947 at 2500 ft,  
H.A.A.

18254 Piperaceae, logs etc  
on bank, logs etc  
near # 18253 ditto

18255 Shrub, very heavy leaves,  
leaves with dark green  
blotch on upper third beneath,  
near # 18253

18256 Orchid  
on tree etc; near # 18253 ditto

18257 Shrub. at 2500 ft;  
berries red; near # 18253 ditto

18257 fern ditto

18258 Mosses, Lufahis  
on trees etc. near # 18253 ditto

18259 Lichens on leaves  
near # Piesha Blanca  
near Maimon River, Dec. 30, 1947 ditto



Bryophyte on leaf  
slope of Loma Campana  
in primitive forest, Dec. 30/47  
18260 at 2500 ft. H.O.A.

✓ 18261 Along Rio Platanos foot  
of Loma Campana -  
Jan. 1, '48 H.O.A.  
fl. yellow

18262 at 1200 ft at foot of Jan. 1, '48  
Loma Campana in  
holio yard; = crop cal  
(with gold) very sweet to taste; may not  
be sugar.

✓ 18263 Mikania -  
Near # 18262, Jan. 1, '48

✓ 18264 Mistletoe - hanging from  
trees! near # 18262. ditto

✓ 18265 Shrub; fl. white to pinkish  
Near # 18262 ditto

✓ 18266 Shrub; fl. white  
Near # 18262 ditto

~~Loma Campana~~ ✓ Cut umbellae - med  
for berberia - steep - taken  
internally  
18267 from young on rocks in Jan.  
ravine of Rio Platanos  
at 1400 feet; a lady buys it  
Cuidad Trujillo - 25 lbs of fruit  
guide to make medicine

✓ 18268 Urticaceae  
On banks, logs etc., ditto  
near # 18267 Jan. 1

✓ 18269 Piperaceae -  
Leaves deep green, attaining to  
Near # 18267 Jan. 1, ditto

✓ 18270 Shrub: fruiting  
Near # 18267 ditto

18271 white fungus on tree  
branches; often luminous ditto  
Near # 18267 ✓

✓ 18272 Shrubby piperaceae  
Near # 18267; leaves  
thick, rubbery. ditto

18273 Fern. On ledges  
in deep ravine of Rio Las  
Platanos, Jan. 1 ditto  
Near # 18267 ✓



In ravine of Rio Los Platanos  
at 1400 ft, on slope of Roma  
campesna, in primitive forest,  
18274 cloud & rain forest, Jan. 1, '48

Grass  
Near # 18274, Jan. 1 ditto

18275

18276 Fern - narrow, pointed  
bronds; in same on banana  
near # 18274 ditto

18277 white fungus on bark;  
sometimes luminous,  
Near # 18274 ditto

18278 Fern; Resembles our  
shield fern a little  
Jan. 1. Near # 18274 ditto

18279 Fern: woman in Ciudad  
Trujillo has our guide ditto  
seed 25 lbs for medicine, ✓  
In ravine in rock crevices  
near # 18274

18280 Low shrub;  
Near # 18279 - on  
✓ cliff ditto

Selaginella 3  
On rocks, wet at falls

18281 near # 18279 Jan. 1, '48 ✓

18282 Fern?  
at falls with # 18279. ✓ bronds  
about nat. size ditto

18283 Fern?  
In damp soil and spray ditto  
near # 18279 ✓

18284 Fern - flat, thin, irregular  
bronds; in constant spray of  
big water fall, Jan. 1 ditto  
Near # 18279 ✓

18285 Liliaceae - prostrate  
✓ on earth, logs etc;  
near # 18279 ditto

18286 Shrub.  
Near # 18279 ditto

18287 Liliaceae  
✓ on ground, banks  
near # 18279 ditto



Grass - on banks of  
ravine of Rio Los Platanos  
18288 food of Loma Campana  
at 1400 ft, Jan. 1, 49

(1948)

H.A.G.

18289 Low shrub  
On bank near # 18288

ditto

18290 Rubiaceous; fl. white  
Near # 18288;  
Reclining

ditto

18291 Piperaceae, dark green  
oblongate leaves;  
Jan. 1, Near # 18290

ditto

18292 Fern  
On bank near # 18290

ditto

18293 shrub -  
Near # 18290

ditto

18294 Urticaceae  
Near # 18290

ditto

Urticaceae  
Near # 18290  
Jan. 1, 1948. H.A.G.

18295

✓

18296 Grass.  
Near # 18290

ditto

18297 Shrub,  
Near # 18290

ditto

18298 Shrub; fl. reddish  
Near # 18290

ditto

18299 fl. blue  
Commelinaceae -  
On banks near  
# 18290

ditto

18300 Urticaceae  
Near # 18290  
Creeping.

ditto

18301 Petruco Lis Doney  
Piedra Blanca -  
Jan. 2, at 500 ft,  
used for tying buildings to other  
acacia trees.



Piedra Blanca ad  
Goodrich Rubber grove -  
18302 Jan. 2, 1947 H.O.A.  
Paspalum, at 500 ft

18303 creeping, fl. yellow  
near # 18302 ditto

18304 Legume. Jan. 2,  
Near Maimon River at Piedra  
In thickets; high climbing,  
fl. yellowish. H.O.A.

18305 Small fern - in logs, tree  
on slope of Loma Campana  
near 3400 ft. Jan. 1948. in primitive  
forest in cloud and rain forest ✓ H.O.A.

18306 Perhaps ditto species  
ditto ✓ ditto

18307 From small similar  
near # 18305 ditto ✓

18308 Mosses, hepatics on  
tree etc., near # 18305 ditto

Hepatic mosses etc.  
on trees etc. in cloud and rain forest  
on Mt. Loma Campana  
18309 near and at 3400 ft (the top)  
January 1, 48 H.O.A. ✓

18310 ditto ✓

18311 ditto ✓

18312 Small fern ✓

18313 mosses etc. same date ✓

18314 ditto ✓

18315 ditto ✓



Mosses hepaticae  
coll. on Ficus Campfana  
near or at 3400 ft. cloud  
and near primitive forest  
Jan. 1, 1948, H.A.G.

18316

ditto

18317

ditto

18318

ditto

18319

ditto

18320

ditto

18321

ditto

18322

with # 18316  
same data

18323

ditto

18324

ditto

18325

ditto

18326

ditto

18327

18328

lenticular  
on logs etc  
near # 18316

18329

18329a

ditto

Jan. 1, 48  
H.A.G.

same  
data



Mosses - hepatic in  
near top of Losa Campaña -  
in cloud & rain forest at 3400 ft

18330

Jan. 1, 1948

H.O.G.



fungus on log (white)

18331

near # 18330



18332

ditto



18333

gorge of Rio Platanos  
at 1400 ft, on slope Losa  
Campaña. Jan. 2, 1948 ✓

18334

ditto



18335

ditto



18336

ditto



with # 18333 same data

18337



ditto

18338

18339

ditto



18340

Delicate

ditto



filmy fern in tree - near

18340a

✓ damp canyon of Rio Los Platanos, # 18333

18341

ditto



18341a

✓ fern

18342

ditto



18343

ditto





In deep wet ravine of Rio Los  
Platanos on slope of Loma  
Campana - in flooded forest -  
at river forest (primitive) - Jan. 2, 1951

18344



ditto

18345



ditto

filmy fern<sup>2</sup>



18346

ditto

filmy fern<sup>2</sup>



18347

ditto

filmy fern<sup>2</sup>



18348

ditto

filmy fern<sup>2</sup>



18349

ditto

filmy fern<sup>2</sup>



18350

filmy fern on  
trees in mud etc. Jan. 2  
near # 18344.

18351

ditto

marces  
hepatic

near # 18344

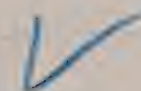


18352

(apparently  
lost)

18353

ditto



18354

ditto



18355

ditto



18356

ditto



18357

ditto





Mosses, hepatic in deep  
canyon of Rio Las Platanas  
on slope of Poma Campaña  
18358 at 1400 ft. Jan. 2, '48, H.O.A.

18359

ditto

✓

18360

ditto

✓

18361

ditto

✓

18362

ditto

✓

18363 fungus (white on wood) ✓  
supposed to be *Leucoglyphus* in  
sight, one a bracket ✓  
18363a *Lichen* fungus white near # 18358

18364 white fungus  
scalloped edge  
Near # 18358

Fungus on wood same data  
near # 18358

18365

✓

ditto

✓

18366

18366a lichen

✓

18367

ditto

✓

18368

ditto

✓

18369

ditto

✓

18370

ditto

✓

18371

ditto

✓



Filmy fern 3 on slope of  
Joma Campana at 14000 ft.,  
in deep ravine of Rio Los  
Platanos. Jan. 2. 18,  
Hua

18372



18373

ditto muscosa, hepatic  
near # 18372



18374

ditto



18375

ditto



18376

ditto



18377

ditto



18378

ditto  
filmy fern - pendent  
from branches.



Filmy fern 3  
Near # 18372  
Jan. 2

Same  
data

18379



18380

ditto muscosa etc



18381

ditto flowering plants  
near # 18372  
Jan. 2,



18382

ditto muscosa etc



18383

ditto



18384

ditto



18385

ditto





Filmy fern - coll. on slope of  
Loma Campana in deep ravine  
at 1400 feet in primitive forest,  
Jan. 2, 1918. H. A. G.

18386

✓

18387

ditto

✓

18388

ditto

✓

18389

ditto

✓

18390

ditto

✓

18391

ditto  
near # 18386. ✓

18392

Mosses  
near # 18386

✓

Filmy fern near  
# 18386 same data

18393

✓

ditto

18394

✓

18395

Fungi for path.  
Near # 18386

✓

18396

ditto

✓

18397

ditto

✓

18398

ditto

✓

18399

ditto

✓



Mosses, hepaticae on slopes of  
Loma Campana in deep ravine of  
Rio Los Platanos Jan. 2, '98

18400 ab 1400 ft. H. & A

18401

ditto Lichens  
near # 18400

18402

Mosses etc  
near # 18400

18403

Mosses? ditto

18404

hepatic ditto

18405

Mosses ditto

18406

ditto ditto

Mosses etc Same data  
near # 18400  
Jan. 2, '98

18407

filmy moss ditto

18408

Mosses ditto

18410

ditto

18411

ditto

18412

ditto

18413

Piperaceae ditto  
on tree trunks



Mosses, hepatics on trees etc  
in ravine of Rio Los Platanos  
on slope of Sierra Campana,  
18414 in pine tree forest.  
Jan. 2, 1948  
Hd. 9

18415 Cladonia. On rocks  
near # 18414

18416 Mosses etc. ditto ✓

18417 ditto ✓

18418 ditto ✓

18419 ditto ✓

18420 ditto ✓

Filmy moss? Jan. 2  
Near # 18414 same data

18421 ditto ✓

18422 ditto L

18423 ditto L

18424 Mosses etc. L

18425 ditto ✓

18426 ditto ✓

18427 ditto  
Mosses etc on bark. ✓



18428

428 Jan 2, 1947 at 1400 feet,

Timing from  
ground in boxes only.

It's a ✓

Munro,  
near # 18428.

18429

↳ ditto

18430

↓  
ditto

18431

↓  
ditto

18432

2 datter

18433

✓ chtho

18434

Mosses, hepatic same  
near # 18428 data

18435

father

18436

↓ ditto

18437

↓  
dth

18438

both

18439

↓ ditto

18440

ditto

1844/



Mosses, hepatic on slope of  
Loma Campana in deep ravine  
of Rio Los Platanos

18442

✓

Jan. 2, at 1400 ft  
Jan. 2, 1899

18443

ditto near # 18442

✓

18444

ditto

✓

18445

ditto

✓

18446

ditto

✓

18447

ditto

✓

18448

ditto

✓

Mosses, hepatic near

# 18442

same data

18449

✓

18450

spermatophyte  
Tring. on sand leaves  
on bark; near # 18442 ditto

18451

Mosses, hepatic  
Near # 18442  
Jan. 2

18452

ditto

✓

18453

ditto

✓

18454

ditto

18455

ditto

✓



Fishing fern 2 on trees on slope of  
Loma Campana at 1400 ft. in  
deep ravine on Rio Los Platanos

18456 In miniature forest H. A. Jan. 2, '48

18457

ditto

✓

18458

ditto

✓

18459

ditto

✓

18460

at ~~top~~ top of Loma Campana  
at 3000 - 3400 feet. Jan. 1, '48  
H. A.

18461

ditto

✓

18462

ditto

✓

Thin elongate fern  
fronds, finely notched  
on limbs in mass

18463

at top of Loma Campana  
at 3400 ft. in almost  
vertical forest. Jan. 1, '48  
and some 2-3 inches tall. <sup>small size</sup>

18464

small fern  
with # 18463

ditto

18465

Mosses ditto  
hepatia near # 18463 ditto

18466

ditto

18467

ditto  
Hepaticae etc. ✓

18468

fishing fern ditto  
near # 18463 ✓

18469

Cladonia etc.  
Near # 18463. ✓



Mosses, hepatic on  
top of Loma Campana at  
3400 feet. in cloud and  
18470 rain primitive forest.  
Jan. 1, 1948 H.A.G. ✓

Brown fungus - killed beneath; soft,  
fleshy on tree  
Lichen on tree  
18471 trunk near # 18470 ✓

18472 fungus soft, brown  
on log, near # 18470 ✓

18472a

18473 ditto white  
marked fungus ✓

18474 slender  
fern on moss  
near # 18470. ✓

18475 mosses etc  
near # 18470 ✓

18476 Lichens  
near # 18470 ✓

Small archaic past fl.,  
on top of Loma Campana  
at 3400 feet on branch  
18477 in moss! Jan. 1, '48  
H.A.G.

18478 Mosses - hepatic  
near # 18477. Jan. 1 ✓

18479 ditto ✓

18480 ditto ✓

18481 ditto ✓

18482 ditto ✓

18483 ditto ✓



Mosses, hepatic etc at  
top of Tuma Campaña, at 3000-3400 ft  
Jan. 1, 1948  
18484 In primitive forest H.A.G. ✓

18485 Lichens - yellow green  
near # 18484 on tree. ✓

18486 Tiny fern  
on limbs in ~~moor~~ <sup>not large</sup> moss. Near # 18484 ✓

18487 Small fern ditto ✓

18488 moss ~~and~~ hepatic  
Near # 18484 ✓

18489 Cladonia?  
near # 18484 ✓

18490 Mosses, hepatic  
near # 18484 ✓

Mosses, hepatic  
near # 18484 Jan. 1

18491

18492 Tiny fern  
Near # 18491 ✓  
Always grows in moss on  
limbs. ✓

18493 Mosses etc ditto

18494 ditto ✓

18495 ditto

18496 Lichens: bluish green  
near # 18491 ✓

18497 Small, stiff, dark green  
fern on earth on bank in  
ravine near # 18491 ✓



Mosses, hepaticae on  
top of Loma Campana - at 3000  
3400 ft. Jan. 1, 1948  
18498 in primitive forest. H.A.G.

18499

ditto

✓

18500

ditto

✓

18501

ditto

✓

18502

ditto

✓

Brown bracket fungi  
for Polk: near # 18498

18503

mosses etc  
near # 18498

✓

18504

ditto

✓

18504a fungus L

Mosses, hepaticae  
near # 18498. same data.

18505

✓

ditto

✓

18506

18507

ditto

✓

18507a fern

✓

18508

ditto

✓

18509

ditto

Piperaceae  
near # 18498 on trees

✓

18510

ditto

✓

18511

ditto



Mosses, hepatic collected  
on top of Loma Campana at 3400 ft  
Jan. 1, in primitive  
18512 forest, cloud and rain  
forest, 1000 ft ✓

18513

ditto

✓

18514

ditto

✓

18515

ditto

✓

18516

ditto

✓

18516a

ditto

✓

18517

ditto

✓

18518

ditto

✓

Mosses, etc  
Near # 18512 same data

18519

✓

18520

ditto

✓

18521

ditto

✓

18522

Lichens ditto  
Near # 18512 ✓

18523

marked fungus  
for path,  
near # 18512 ✓

18524

Lichens near # 18512  
✓

18525

Mosses etc  
Near # 18512 ✓



Mosses, lichens collected  
on top of Loma Campana at 3400 ft  
Jan. 1 in cloud and  
18526 rain forest (primitive forest)  
✓ H.A.G.

18527 Filmy fern  
Near # 18526  
Pendent. ✓

18528 filmy fern  
(near # 18526) ✓

18529 ditto ✓

18530 ditto ✓

18531 Mosses etc  
near # 18526 ✓

18532 ditto ✓

Mosses, hepatics etc. collected  
at top of Loma Campana ✓  
18533 at 3400 ft., in cloud and  
rain forest, (primitive forest)  
Jan. 1, 1948  
H.A.G.

18534 filmy fern  
Near # 18526 L

18535 mosses etc  
near # 18526 ✓

18536 ditto ✓

18537 ditto ✓

18538 Lichens  
Near # 18526 ditto ✓

18539 ditto L



Mosses and hepatics collected on  
top of Loma Campana, at 3400 ft.,  
in primitive forest, - a cloud  
18540 and rain forest. Jan. 1, 1948  
H.A.A. ✓

18541

ditto

✓

18542

ditto

18543

Filices fern.

near # 18540

✓

18544

Mosses, hepatics  
near # 18540

✓

18545

ditto

✓

18546

ditto

Mosses, lichens  
near # 18540 - same data

18547

ditto

✓

18548

ditto

✓

18549

ditto

✓

18550

ditto

✓

18551

ditto

✓

18552

ditto

✓

18553

ditto

✓



Mosses, hepatics etc. collected on top  
of Loma Campana at 3400 ft.,

18554 a cloud and rain forest  
and primitive forest. ✓  
Jan. 1, 1948. H.A.G.

ditto

18555 ✓

ditto ✓

18556

ditto ✓

18557

ditto ✓

18558

ditto ✓

18559

18560 Filmy fern?  
near # 18554 ✓



50174



